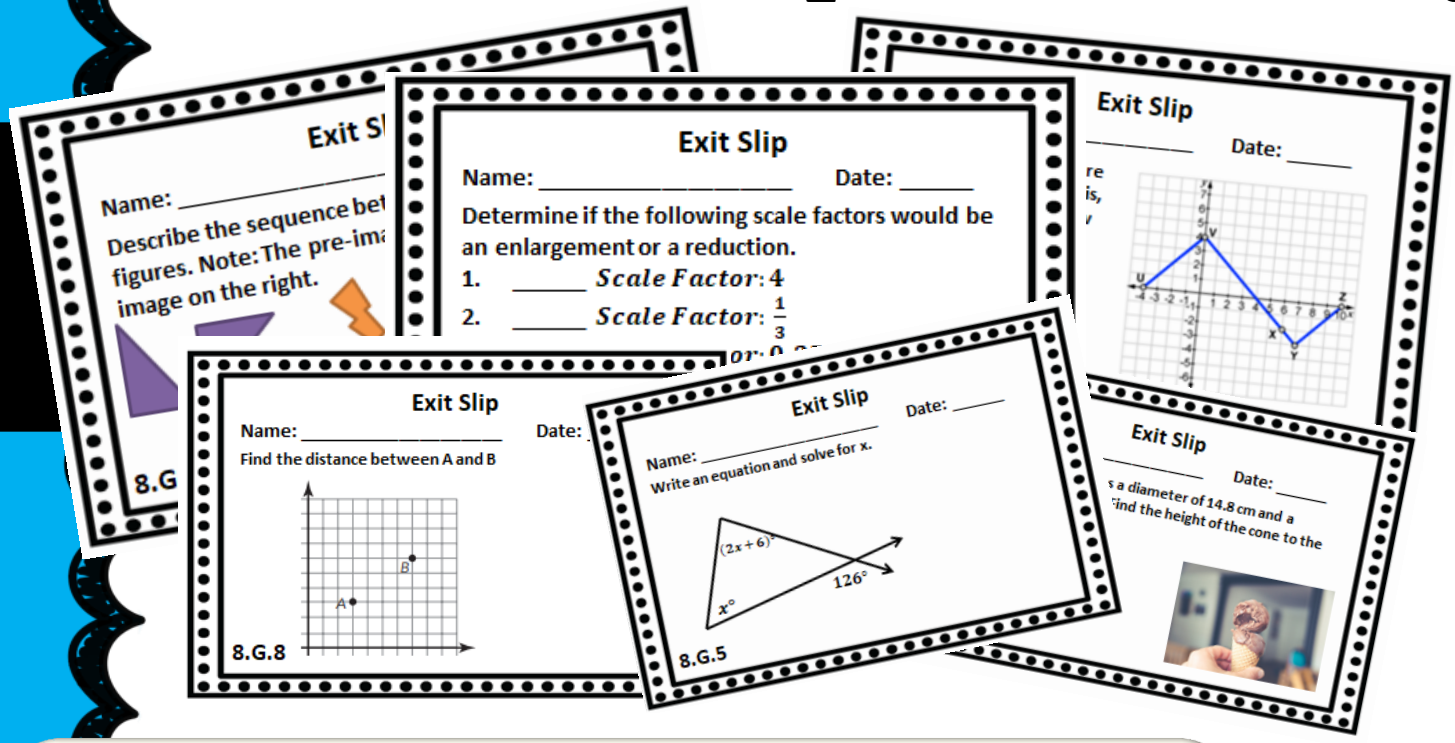
8th Grade Math CCSS Exit Slips - Geometry

8.G.1
8.G.2
8.G.3
8.G.4
8.G.5
8.G.6
8.G.7
8.G.8
8.G.9



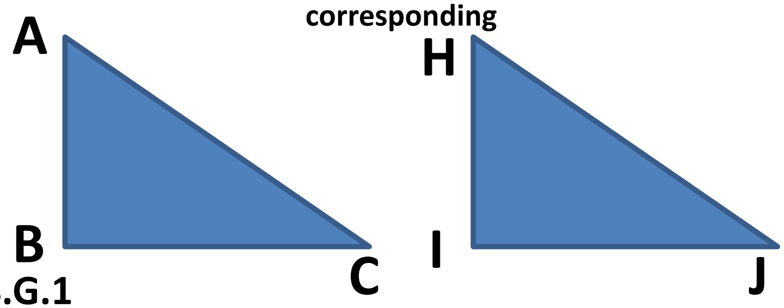
90 Exit Slips/Exit Tickets
10 Questions Per Standard

By: Math in the Midwest

Exit Slip

Name: ______________________ Date: _______

Use patty paper to figure out which sides of the congruent figures are corresponding and which angles are corresponding

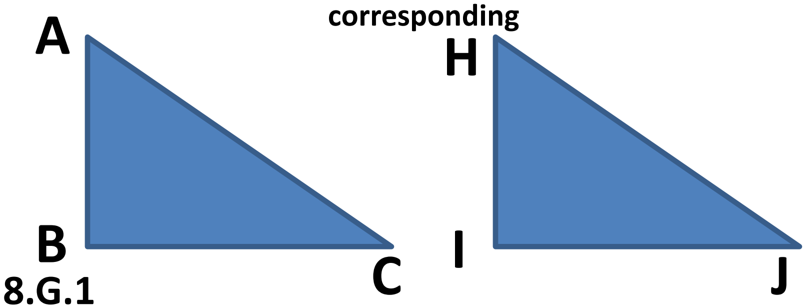


8.G.1

Exit Slip

Name: ______________________ Date: _______

Use patty paper to figure out which sides of the congruent figures are corresponding and which angles are corresponding

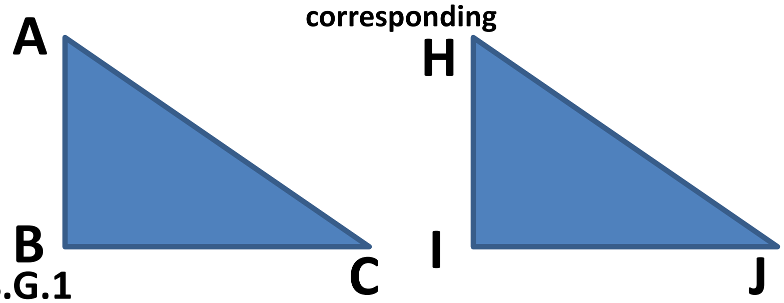


8.G.1

Exit Slip

Name: ______________________ Date: _______

Use patty paper to figure out which sides of the congruent figures are corresponding and which angles are corresponding

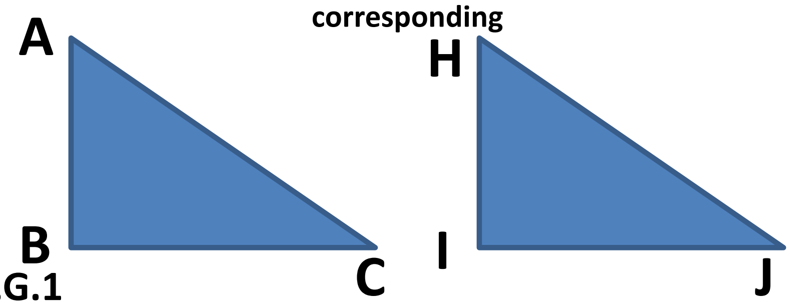


8.G.1

Exit Slip

Name: ______________________ Date: _______

Use patty paper to figure out which sides of the congruent figures are corresponding and which angles are corresponding

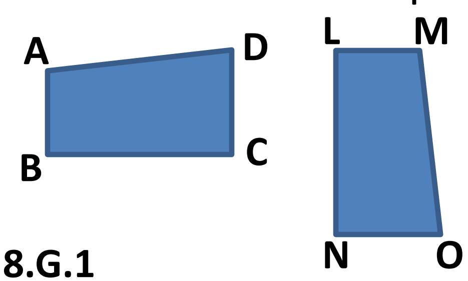


8.G.1

Exit Slip

Name: ______________________ Date: ______

Use patty paper to figure out which sides of the congruent figures are corresponding and which angles are corresponding

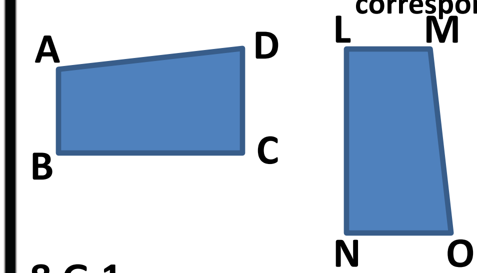


8.G.1

Exit Slip

Name: ______________________ Date: ______

Use patty paper to figure out which sides of the congruent figures are corresponding and which angles are corresponding

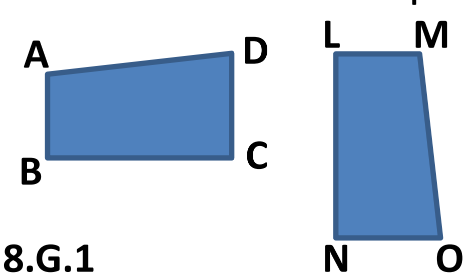


8.G.1

Exit Slip

Name: ______________________ Date: ______

Use patty paper to figure out which sides of the congruent figures are corresponding and which angles are corresponding

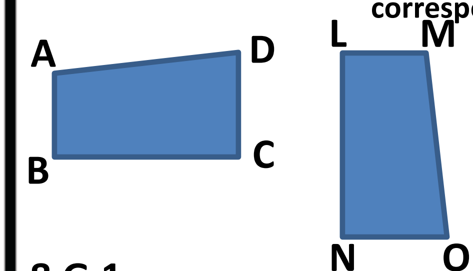


8.G.1

Exit Slip

Name: ______________________ Date: ______

Use patty paper to figure out which sides of the congruent figures are corresponding and which angles are corresponding



8.G.1

Exit Slip

Name: _____ Date: _____

Determine which figures are congruent to figure A

Figure A B C D E

8.G.1

Exit Slip

Name: _____ Date: _____

Determine which figures are congruent to figure A

Figure A B C D E

8.G.1

Exit Slip

Name: _____ Date: _____

Determine which figures are congruent to figure A

Figure A B C D E

8.G.1

Exit Slip

Name: _____ Date: _____

Determine which figures are congruent to figure A

Figure A B C D E

8.G.1

Exit Slip

Name: _____ Date: _____

Explain how you can move from Figure A to each congruent figure by translating, reflecting, or rotating.

Figure A B C D E

8.G.1

Exit Slip

Name: _____ Date: _____

Explain how you can move from Figure A to each congruent figure by translating, reflecting, or rotating.

Figure A B C D E

8.G.1

Exit Slip

Name: _____ Date: _____

Explain how you can move from Figure A to each congruent figure by translating, reflecting, or rotating.

Figure A B C D E

8.G.1

Exit Slip

Name: _____ Date: _____

Explain how you can move from Figure A to each congruent figure by translating, reflecting, or rotating.

Figure A B C D E

8.G.1

Exit Slip

Name: _____ Date: _____

Describe in your own words what translation, reflection, and rotation mean.

8.G.1

Exit Slip

Name: _____ Date: _____

Describe in your own words what translation, reflection, and rotation mean.

8.G.1

Exit Slip

Name: _____ Date: _____

Describe in your own words what translation, reflection, and rotation mean.

8.G.1

Exit Slip

Name: _____ Date: _____

Describe in your own words what translation, reflection, and rotation mean.

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a translation?

B. What changes after a translation?

C. What do you need to know in order to perform a translation?

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a translation?

B. What changes after a translation?

C. What do you need to know in order to perform a translation?

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a translation?

B. What changes after a translation?

C. What do you need to know in order to perform a translation?

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a translation?

B. What changes after a translation?

C. What do you need to know in order to perform a translation?

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a reflection?

B. What changes after a reflection?

C. What do you need to know in order to perform a reflection?

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a reflection?

B. What changes after a reflection?

C. What do you need to know in order to perform a reflection?

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a reflection?

B. What changes after a reflection?

C. What do you need to know in order to perform a reflection?

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a reflection?

B. What changes after a reflection?

C. What do you need to know in order to perform a reflection?

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a rotation?

B. What changes after a rotation?

C. What do you need to know in order to perform a rotation?

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a rotation?

B. What changes after a rotation?

C. What do you need to know in order to perform a rotation?

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a rotation?

B. What changes after a rotation?

C. What do you need to know in order to perform a rotation?

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a rotation?

B. What changes after a rotation?

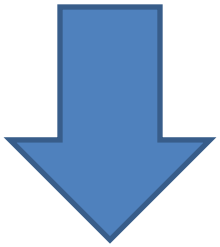
C. What do you need to know in order to perform a rotation?

8.G.1

Exit Slip

Name: _____ Date: _____

Translate the given figure to the right.

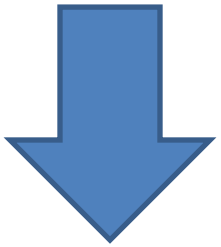


8.G.1

Exit Slip

Name: _____ Date: _____

Translate the given figure to the right.

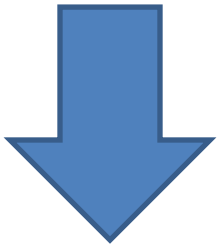


8.G.1

Exit Slip

Name: _____ Date: _____

Translate the given figure to the right.

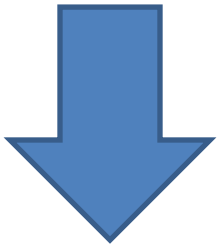


8.G.1

Exit Slip

Name: _____ Date: _____

Translate the given figure to the right.

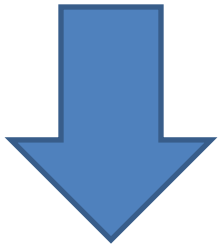


8.G.1

Exit Slip

Name: _____ Date: _____

Rotate the given figure 180 degrees and be sure to identify your center of rotation

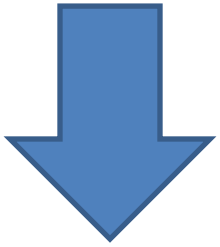


8.G.1

Exit Slip

Name: _____ Date: _____

Rotate the given figure 180 degrees and be sure to identify your center of rotation

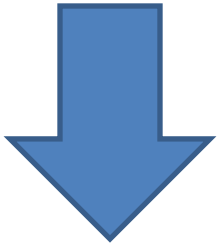


8.G.1

Exit Slip

Name: _____ Date: _____

Rotate the given figure 180 degrees and be sure to identify your center of rotation

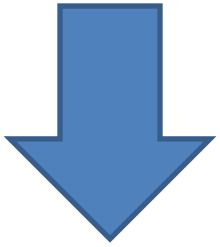


8.G.1

Exit Slip

Name: _____ Date: _____

Rotate the given figure 180 degrees and be sure to identify your center of rotation

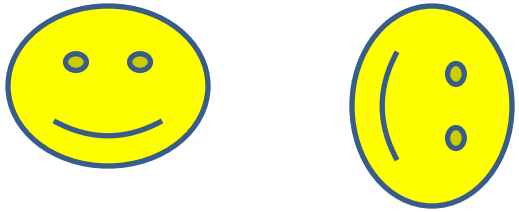


8.G.1

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

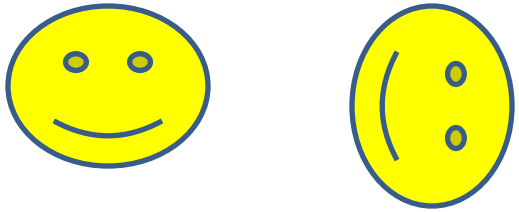


8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

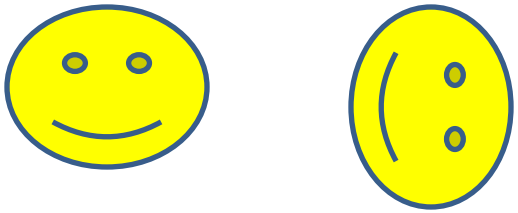


8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

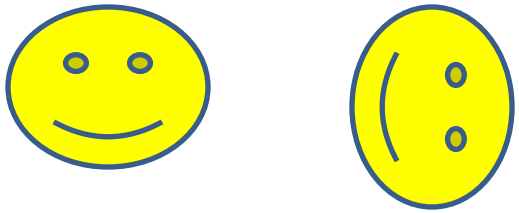


8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

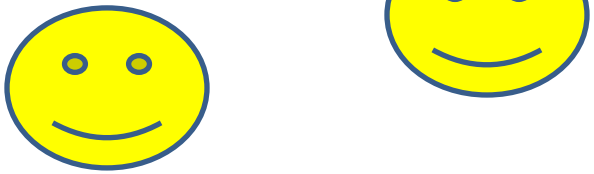


8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

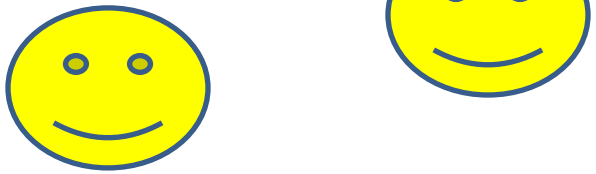


8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.



8.G.2

Exit Slip

Name: _____ Date: _____

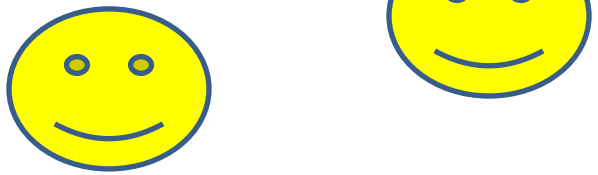
Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

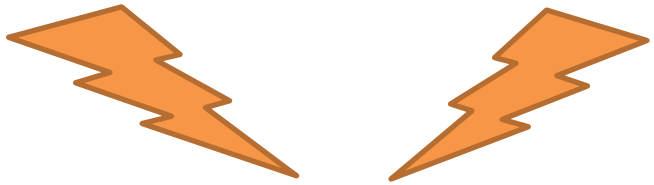


8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

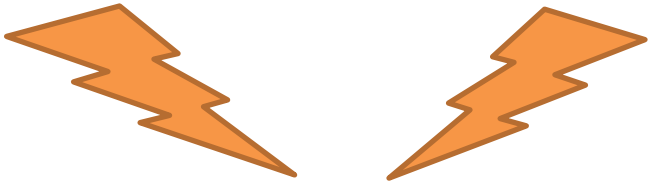


8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

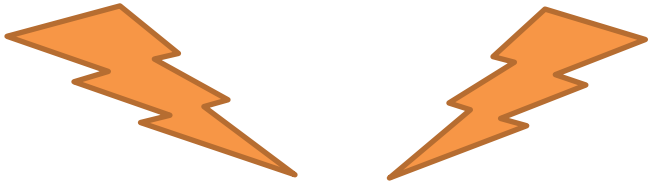


8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

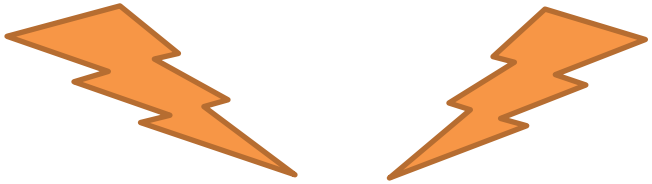


8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

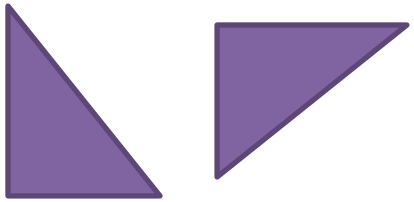


8.G.2

Exit Slip

Name: _____ **Date:** _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

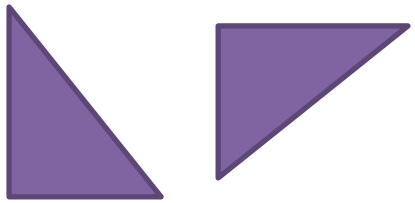


8.G.2

Exit Slip

Name: _____ **Date:** _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

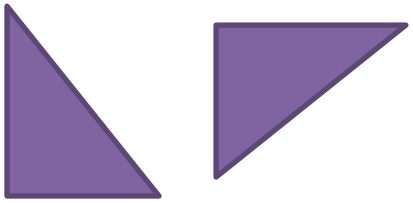


8.G.2

Exit Slip

Name: _____ **Date:** _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

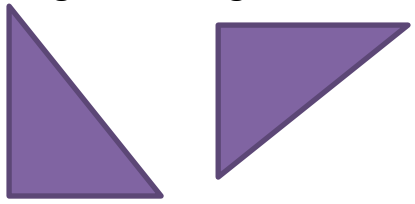


8.G.2

Exit Slip

Name: _____ **Date:** _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

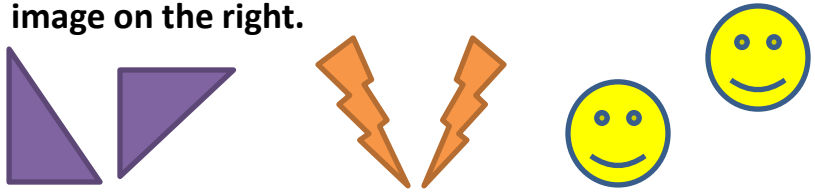


8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

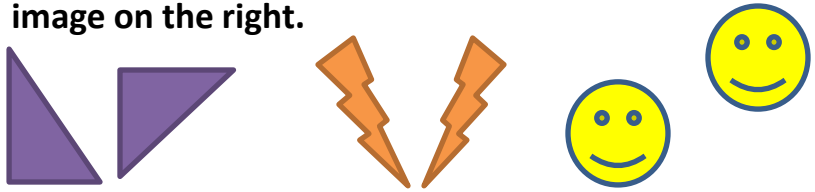


8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

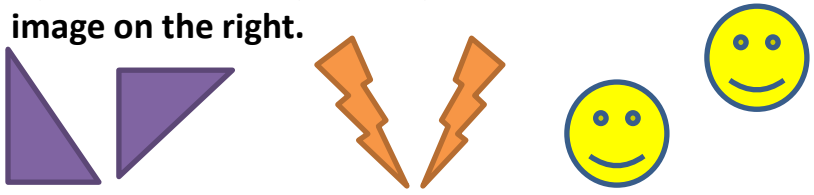


8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

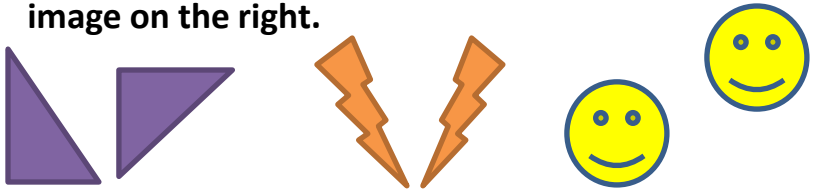


8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.



8.G.2

Exit Slip

Name: _____ Date: _____

State if the following statements are true or false.

_____1. A two dimensional figure is congruent to another if it is obtained through translations, rotations, or reflections.

_____ 2. Translations turn an object.

_____ 3. Reflections flip an object

8.G.2

Exit Slip

Name: _____ Date: _____

State if the following statements are true or false.

_____1. A two dimensional figure is congruent to another if it is obtained through translations, rotations, or reflections.

_____ 2. Translations turn an object.

_____ 3. Reflections flip an object

8.G.2

Exit Slip

Name: _____ Date: _____

State if the following statements are true or false.

_____1. A two dimensional figure is congruent to another if it is obtained through translations, rotations, or reflections.

_____ 2. Translations turn an object.

_____ 3. Reflections flip an object

8.G.2

Exit Slip

Name: _____ Date: _____

State if the following statements are true or false.

_____1. A two dimensional figure is congruent to another if it is obtained through translations, rotations, or reflections.

_____ 2. Translations turn an object.

_____ 3. Reflections flip an object

8.G.2

Exit Slip

Name: _____ Date: _____

What does it mean for a two dimensional figure to be congruent to another two dimensional figure?

8.G.2

Exit Slip

Name: _____ Date: _____

What does it mean for a two dimensional figure to be congruent to another two dimensional figure?

8.G.2

Exit Slip

Name: _____ Date: _____

What does it mean for a two dimensional figure to be congruent to another two dimensional figure?

8.G.2

Exit Slip

Name: _____ Date: _____

What does it mean for a two dimensional figure to be congruent to another two dimensional figure?

8.G.2

Exit Slip

Name: _____ **Date:** _____

Give your own example of two dimensional figures that are congruent by a translation. Be sure to label your pre-image and image.

8.G.2

Exit Slip

Name: _____ **Date:** _____

Give your own example of two dimensional figures that are congruent by a translation. Be sure to label your pre-image and image.

8.G.2

Exit Slip

Name: _____ **Date:** _____

Give your own example of two dimensional figures that are congruent by a translation. Be sure to label your pre-image and image.

8.G.2

Exit Slip

Name: _____ **Date:** _____

Give your own example of two dimensional figures that are congruent by a translation. Be sure to label your pre-image and image.

8.G.2

Exit Slip

Name: _____ Date: _____

Give your own example of two dimensional figures that are congruent through either a translation, rotation or reflection. Be sure to label your pre-image and image.

8.G.2

Exit Slip

Name: _____ Date: _____

Give your own example of two dimensional figures that are congruent through either a translation, rotation or reflection. Be sure to label your pre-image and image.

8.G.2

Exit Slip

Name: _____ Date: _____

Give your own example of two dimensional figures that are congruent through either a translation, rotation or reflection. Be sure to label your pre-image and image.

8.G.2

Exit Slip

Name: _____ Date: _____

Give your own example of two dimensional figures that are congruent through either a translation, rotation or reflection. Be sure to label your pre-image and image.

8.G.2

Exit Slip

Name: _____ Date: _____

Find the image of (4, 3) REFLECTED across the y – axis.

A. (-4, 3) **C. (4, 3)**

B. (4, -3) **D. (-4, -3)**

Find the image of (-2, -3) REFLECTED across the x-axis

A. (2, 3) **C. (-2, 3)**

B. (2, -3) **D. (-2, -3)**

8.G.3

Exit Slip

Name: _____ Date: _____

Find the image of (4, 3) REFLECTED across the y – axis.

A. (-4, 3) **C. (4, 3)**

B. (4, -3) **D. (-4, -3)**

Find the image of (-2, -3) REFLECTED across the x-axis

A. (2, 3) **C. (-2, 3)**

B. (2, -3) **D. (-2, -3)**

8.G.3

Exit Slip

Name: _____ Date: _____

Find the image of (4, 3) REFLECTED across the y – axis.

A. (-4, 3) **C. (4, 3)**

B. (4, -3) **D. (-4, -3)**

Find the image of (-2, -3) REFLECTED across the x-axis

A. (2, 3) **C. (-2, 3)**

B. (2, -3) **D. (-2, -3)**

C. a

8.G.3

Exit Slip

Name: _____ Date: _____

Find the image of (4, 3) REFLECTED across the y – axis.

A. (-4, 3) **C. (4, 3)**

B. (4, -3) **D. (-4, -3)**

Find the image of (-2, -3) REFLECTED across the x-axis

A. (2, 3) **C. (-2, 3)**

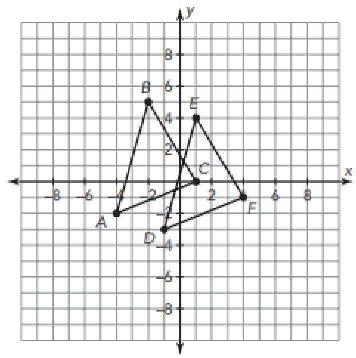
B. (2, -3) **D. (-2, -3)**

8.G.3

Exit Slip

Name: ______________________ **Date:** ______

Describe the transformation that was used to create $\triangle DEF$ *from* $\triangle ABC$

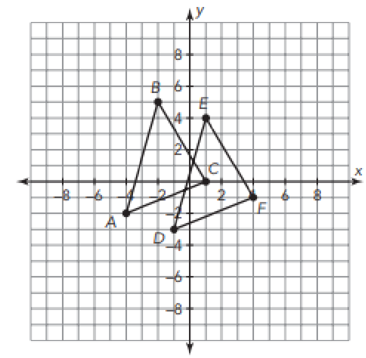


8.G.3

Exit Slip

Name: ______________________ **Date:** ______

Describe the transformation that was used to create $\triangle DEF$ *from* $\triangle ABC$

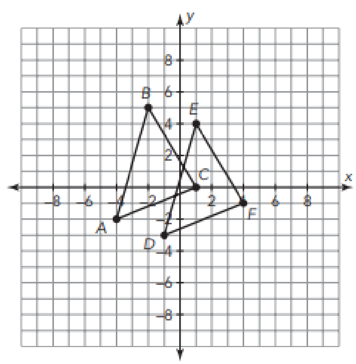


8.G.3

Exit Slip

Name: ______________________ **Date:** ______

Describe the transformation that was used to create $\triangle DEF$ *from* $\triangle ABC$

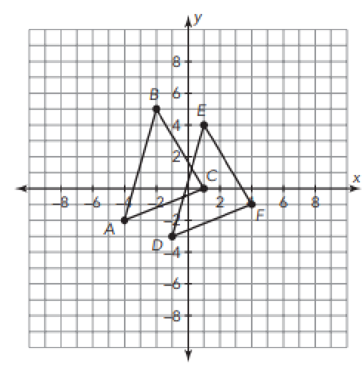


8.G.3

Exit Slip

Name: ______________________ **Date:** ______

Describe the transformation that was used to create $\triangle DEF$ *from* $\triangle ABC$



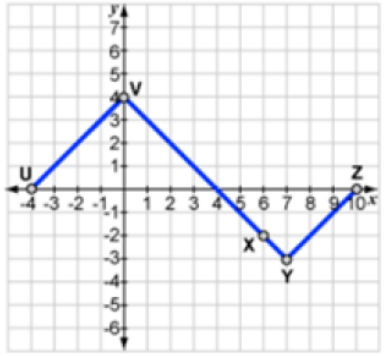
8.G.3

Exit Slip

Name: _____ **Date:** _____

If the figure shown were reflected over the x-axis, what would be the new coordinate of:
Point Y:

Point Z:



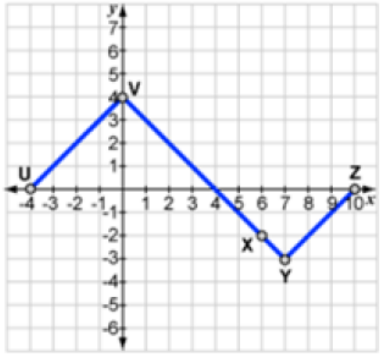
8.G.3

Exit Slip

Name: _____ **Date:** _____

If the figure shown were reflected over the x-axis, what would be the new coordinate of:
Point Y:

Point Z:



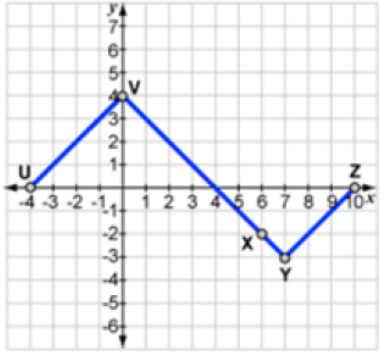
8.G.3

Exit Slip

Name: _____ **Date:** _____

If the figure shown were reflected over the x-axis, what would be the new coordinate of:
Point Y:

Point Z:



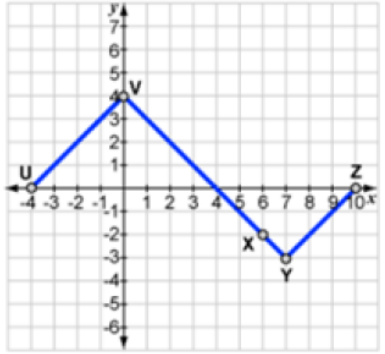
8.G.3

Exit Slip

Name: _____ **Date:** _____

If the figure shown were reflected over the x-axis, what would be the new coordinate of:
Point Y:

Point Z:



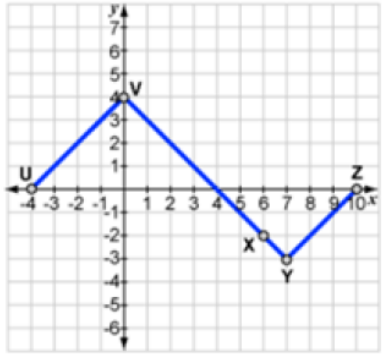
8.G.3

Exit Slip

Name: _____ **Date:** _____

If the figure shown were translated three right and six up, what would be the new coordinate of:
Point U:

Point X:



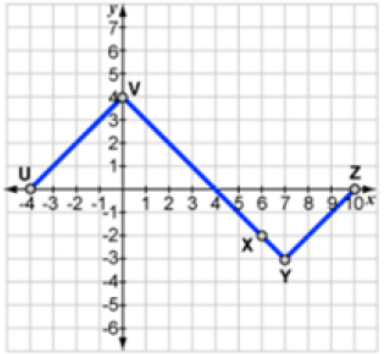
8.G.3

Exit Slip

Name: _____ **Date:** _____

If the figure shown were translated three right and six up, what would be the new coordinate of:
Point U:

Point X:



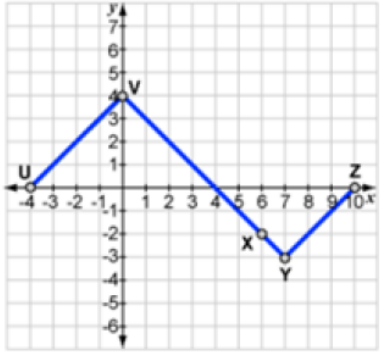
8.G.3

Exit Slip

Name: _____ **Date:** _____

If the figure shown were translated three right and six up, what would be the new coordinate of:
Point U:

Point X:



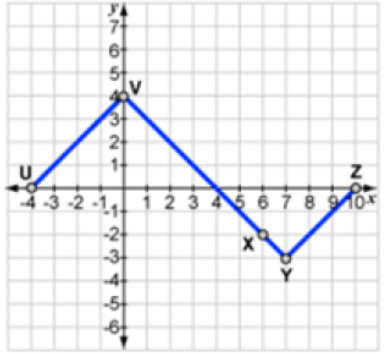
8.G.3

Exit Slip

Name: _____ **Date:** _____

If the figure shown were translated three right and six up, what would be the new coordinate of:
Point U:

Point X:



8.G.3

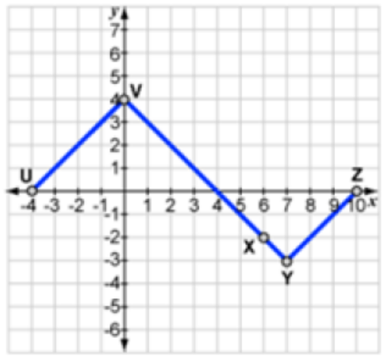
Exit Slip

Name: ______________________ Date: ______

If the figure shown were rotated three 90 degrees clockwise, what would be the new coordinate of:

Point V:

Point X:



8.G.3

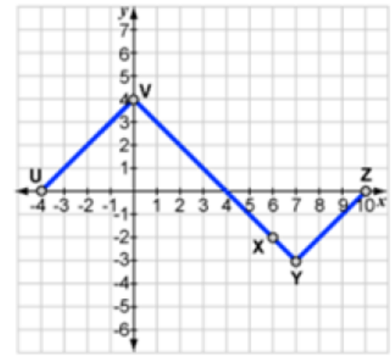
Exit Slip

Name: ______________________ Date: ______

If the figure shown were rotated three 90 degrees clockwise, what would be the new coordinate of:

Point V:

Point X:



8.G.3

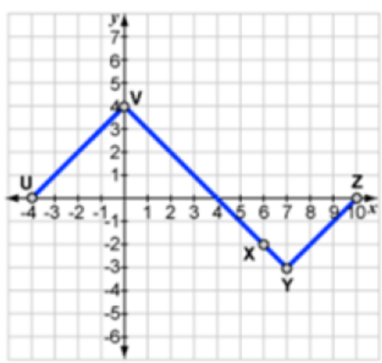
Exit Slip

Name: ______________________ Date: ______

If the figure shown were rotated three 90 degrees clockwise, what would be the new coordinate of:

Point V:

Point X:



8.G.3

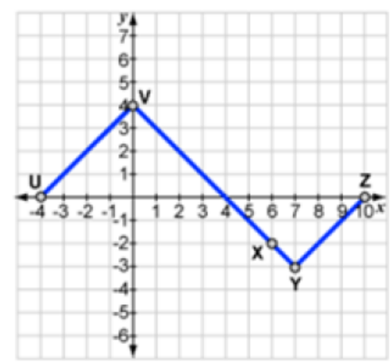
Exit Slip

Name: ______________________ Date: ______

If the figure shown were rotated three 90 degrees clockwise, what would be the new coordinate of:

Point V:

Point X:

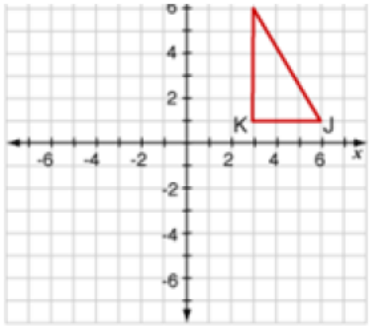


8.G.3

Exit Slip

Name: _____ **Date:** _____

Translate the following triangle 4 left and 5 down. Be sure to label the new image on the coordinate plane.

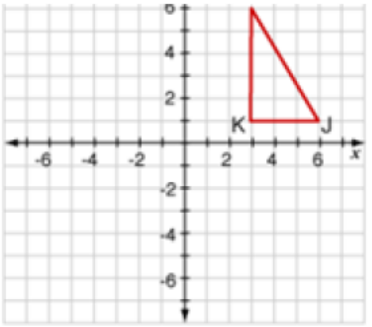


8.G.3

Exit Slip

Name: _____ **Date:** _____

Translate the following triangle 4 left and 5 down. Be sure to label the new image on the coordinate plane.

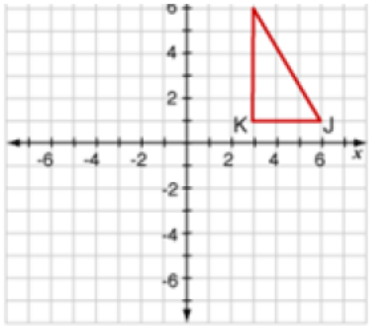


8.G.3

Exit Slip

Name: _____ **Date:** _____

Translate the following triangle 4 left and 5 down. Be sure to label the new image on the coordinate plane.

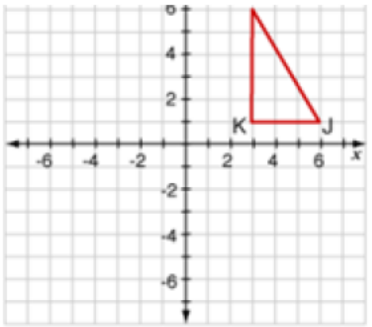


8.G.3

Exit Slip

Name: _____ **Date:** _____

Translate the following triangle 4 left and 5 down. Be sure to label the new image on the coordinate plane.

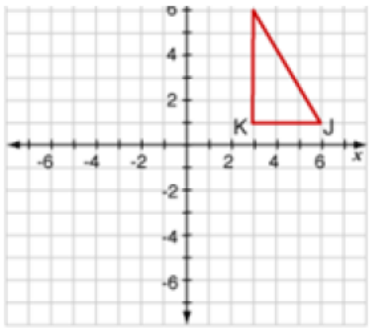


8.G.3

Exit Slip

Name: _____ **Date:** _____

Reflect the following triangle across the x axis. Be sure to label the new image on the coordinate plane.

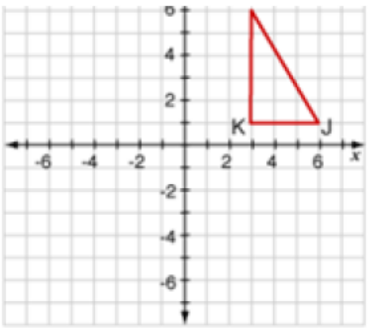


8.G.3

Exit Slip

Name: _____ **Date:** _____

Reflect the following triangle across the x axis. Be sure to label the new image on the coordinate plane.

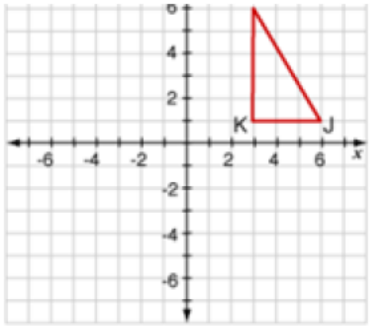


8.G.3

Exit Slip

Name: _____ **Date:** _____

Reflect the following triangle across the x axis. Be sure to label the new image on the coordinate plane.

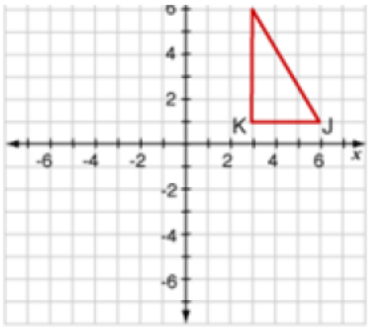


8.G.3

Exit Slip

Name: _____ **Date:** _____

Reflect the following triangle across the x axis. Be sure to label the new image on the coordinate plane.

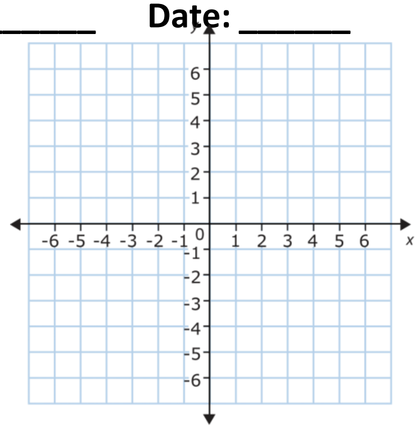


8.G.3

Exit Slip

Name: ______________________ **Date:** _______

Translate Square RSTU with vertices R(-2, 1), S(3, 4), T(6, -1), and U(1, -4)
(x, y) → (x – 4, y – 1)

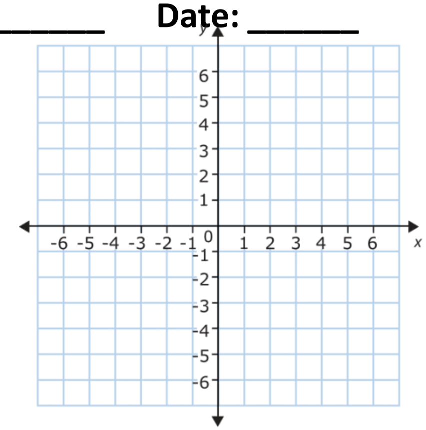


8.G.3

Exit Slip

Name: ______________________ **Date:** _______

Translate Square RSTU with vertices R(-2, 1), S(3, 4), T(6, -1), and U(1, -4)
(x, y) → (x – 4, y – 1)

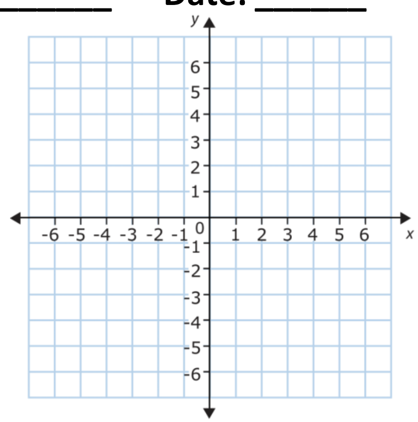


8.G.3

Exit Slip

Name: ______________________ **Date:** _______

Translate Square RSTU with vertices R(-2, 1), S(3, 4), T(6, -1), and U(1, -4)
(x, y) → (x – 4, y – 1)

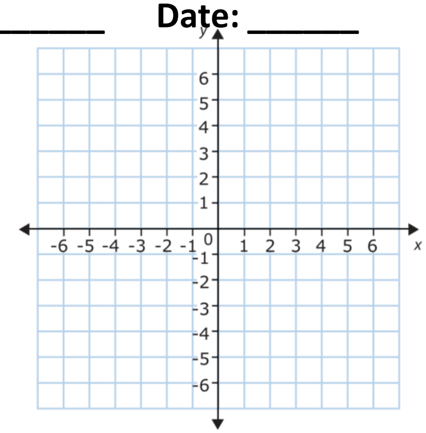


8.G.3

Exit Slip

Name: ______________________ **Date:** _______

Translate Square RSTU with vertices R(-2, 1), S(3, 4), T(6, -1), and U(1, -4)
(x, y) → (x – 4, y – 1)

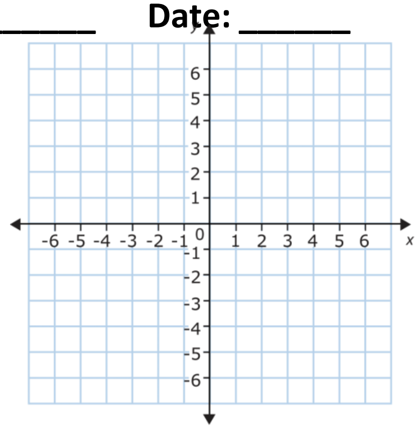


8.G.3

Exit Slip

Name: ______________________ Date: _______

Reflect Triangle ABC with vertices A(-3, 2), B(-1, 7), and C(6, 1): in the x axis

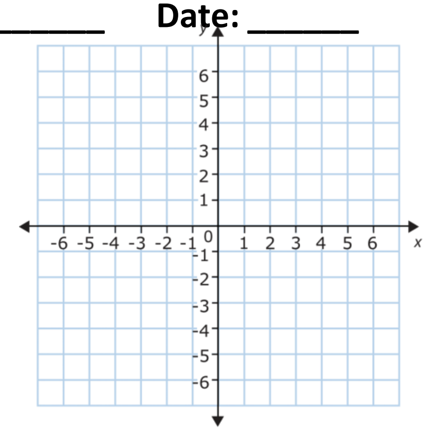


8.G.3

Exit Slip

Name: ______________________ Date: _______

Reflect Triangle ABC with vertices A(-3, 2), B(-1, 7), and C(6, 1): in the x axis

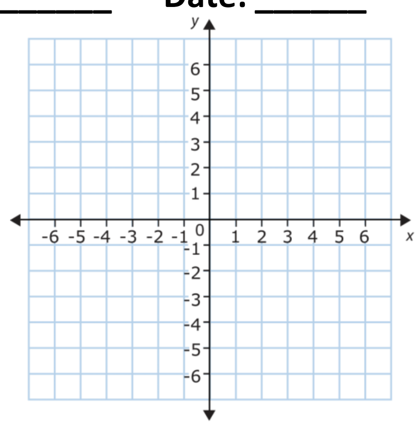


8.G.3

Exit Slip

Name: ______________________ Date: _______

Reflect Triangle ABC with vertices A(-3, 2), B(-1, 7), and C(6, 1): in the x axis

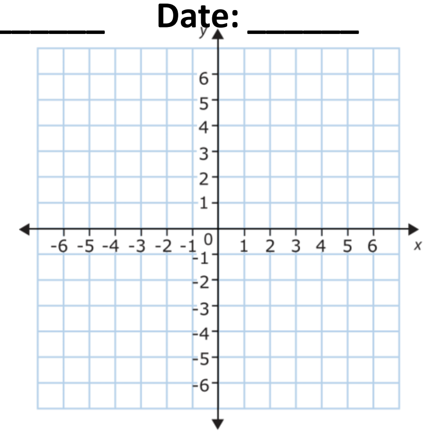


8.G.3

Exit Slip

Name: ______________________ Date: _______

Reflect Triangle ABC with vertices A(-3, 2), B(-1, 7), and C(6, 1): in the x axis



8.G.3

Exit Slip

Name: _____ **Date:** _____

Match each of the descriptions with the correct algebraic representation of the transformations:

_____1. Reflection over the x-axis
_____2. Rotation 90 degrees CC
_____3. Translation 2 left and 2 up
_____4. Rotation 180 degrees
_____5. Reflection over the y-axis
_____6. Translation 2 right and 2 down

A. (-x, -y)
B. (x, -y)
C. (x+2, y – 2)
D. (-y, x)
E. (x-2, y+2)
F. (-x, y)

8.G.3

Exit Slip

Name: _____ **Date:** _____

Match each of the descriptions with the correct algebraic representation of the transformations:

_____1. Reflection over the x-axis
_____2. Rotation 90 degrees CC
_____3. Translation 2 left and 2 up
_____4. Rotation 180 degrees
_____5. Reflection over the y-axis
_____6. Translation 2 right and 2 down

A. (-x, -y)
B. (x, -y)
C. (x+2, y – 2)
D. (-y, x)
E. (x-2, y+2)
F. (-x, y)

8.G.3

Exit Slip

Name: _____ **Date:** _____

Match each of the descriptions with the correct algebraic representation of the transformations:

_____1. Reflection over the x-axis
_____2. Rotation 90 degrees CC
_____3. Translation 2 left and 2 up
_____4. Rotation 180 degrees
_____5. Reflection over the y-axis
_____6. Translation 2 right and 2 down

A. (-x, -y)
B. (x, -y)
C. (x+2, y – 2)
D. (-y, x)
E. (x-2, y+2)
F. (-x, y)

8.G.3

Exit Slip

Name: _____ **Date:** _____

Match each of the descriptions with the correct algebraic representation of the transformations:

_____1. Reflection over the x-axis
_____2. Rotation 90 degrees CC
_____3. Translation 2 left and 2 up
_____4. Rotation 180 degrees
_____5. Reflection over the y-axis
_____6. Translation 2 right and 2 down

A. (-x, -y)
B. (x, -y)
C. (x+2, y – 2)
D. (-y, x)
E. (x-2, y+2)
F. (-x, y)

8.G.3

Exit Slip

Name: _____ Date: _____

Determine if the following statements are true or false. If the statement is false provide an example of why.

_____1. All similar figures are also congruent figures.

_____2. All congruent figures are also similar figures.

8.G.4

Exit Slip

Name: _____ Date: _____

Determine if the following statements are true or false. If the statement is false provide an example of why.

_____1. All similar figures are also congruent figures.

_____2. All congruent figures are also similar figures.

8.G.4

Exit Slip

Name: _____ Date: _____

Determine if the following statements are true or false. If the statement is false provide an example of why.

_____1. All similar figures are also congruent figures.

_____2. All congruent figures are also similar figures.

8.G.4

Exit Slip

Name: _____ Date: _____

Determine if the following statements are true or false. If the statement is false provide an example of why.

_____1. All similar figures are also congruent figures.

_____2. All congruent figures are also similar figures.

8.G.4

Exit Slip

Name: _____ Date: _____

Explain in your own words how you can tell if two figures are similar.

8.G.4

Exit Slip

Name: _____ Date: _____

Explain in your own words how you can tell if two figures are similar.

8.G.4

Exit Slip

Name: _____ Date: _____

Explain in your own words how you can tell if two figures are similar.

8.G.4

Exit Slip

Name: _____ Date: _____

Explain in your own words how you can tell if two figures are similar.

8.G.4

Exit Slip

Name: _____ **Date:** _____

Explain how you know if the figure will be an enlargement or a reduction when dilating.

8.G.4

Exit Slip

Name: _____ **Date:** _____

Explain how you know if the figure will be an enlargement or a reduction when dilating.

8.G.4

Exit Slip

Name: _____ **Date:** _____

Explain how you know if the figure will be an enlargement or a reduction when dilating.

8.G.4

Exit Slip

Name: _____ **Date:** _____

Explain how you know if the figure will be an enlargement or a reduction when dilating.

8.G.4

Exit Slip

Name: _____ **Date:** _____

Determine if the following scale factors would be an enlargement or a reduction.

1. _____ $Scale\ Factor: 4$
2. _____ $Scale\ Factor: \frac{1}{3}$
3. _____ $Scale\ Factor: 0.35$
4. _____ $Scale\ Factor\ \frac{11}{4}$
5. _____ $Scale\ Factor: 3.7$

8.G.4

Exit Slip

Name: _____ **Date:** _____

Determine if the following scale factors would be an enlargement or a reduction.

1. _____ $Scale\ Factor: 4$
2. _____ $Scale\ Factor: \frac{1}{3}$
3. _____ $Scale\ Factor: 0.35$
4. _____ $Scale\ Factor\ \frac{11}{4}$
5. _____ $Scale\ Factor: 3.7$

8.G.4

Exit Slip

Name: _____ **Date:** _____

Determine if the following scale factors would be an enlargement or a reduction.

1. _____ $Scale\ Factor: 4$
2. _____ $Scale\ Factor: \frac{1}{3}$
3. _____ $Scale\ Factor: 0.35$
4. _____ $Scale\ Factor\ \frac{11}{4}$
5. _____ $Scale\ Factor: 3.7$

8.G.4

Exit Slip

Name: _____ **Date:** _____

Determine if the following scale factors would be an enlargement or a reduction.

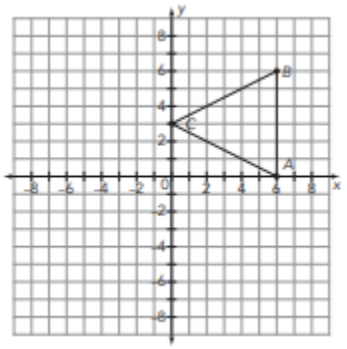
1. _____ $Scale\ Factor: 4$
2. _____ $Scale\ Factor: \frac{1}{3}$
3. _____ $Scale\ Factor: 0.35$
4. _____ $Scale\ Factor\ \frac{11}{4}$
5. _____ $Scale\ Factor: 3.7$

8.G.4

Exit Slip

Name: _____ Date: _____

Dilate the following triangle by a scale factor of 1.5 with the center of dilation being the origin.

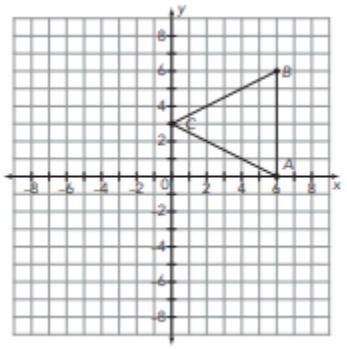


8.G.4

Exit Slip

Name: _____ Date: _____

Dilate the following triangle by a scale factor of 1.5 with the center of dilation being the origin.

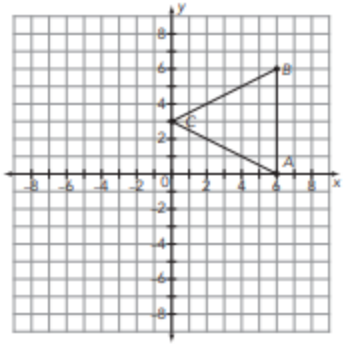


8.G.4

Exit Slip

Name: _____ Date: _____

Dilate the following triangle by a scale factor of 1.5 with the center of dilation being the origin.

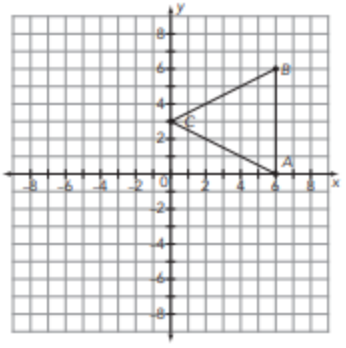


8.G.4

Exit Slip

Name: _____ Date: _____

Dilate the following triangle by a scale factor of 1.5 with the center of dilation being the origin.

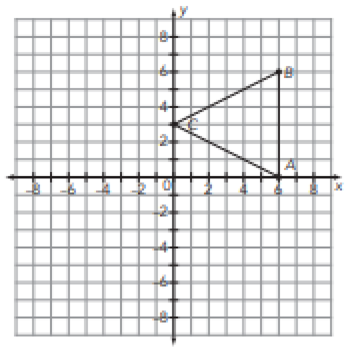


8.G.4

Exit Slip

Name: ______________________ **Date:** _______

Dilate the following triangle by a scale factor of $\frac{1}{4}$ with the center of dilation being the origin.

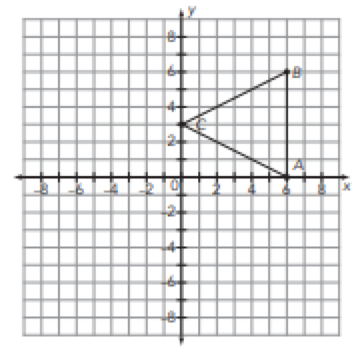


8.G.4

Exit Slip

Name: ______________________ **Date:** _______

Dilate the following triangle by a scale factor of $\frac{1}{4}$ with the center of dilation being the origin.

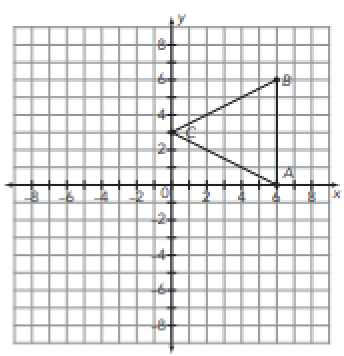


8.G.4

Exit Slip

Name: ______________________ **Date:** _______

Dilate the following triangle by a scale factor of $\frac{1}{4}$ with the center of dilation being the origin.

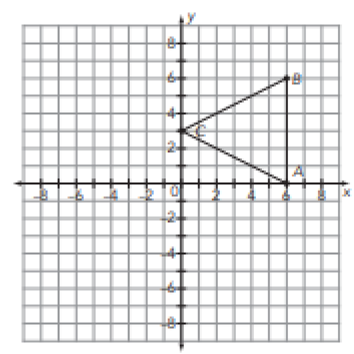


8.G.4

Exit Slip

Name: ______________________ **Date:** _______

Dilate the following triangle by a scale factor of $\frac{1}{4}$ with the center of dilation being the origin.

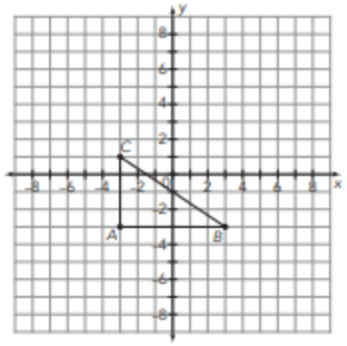


8.G.4

Exit Slip

Name: _____ **Date:** _____

Dilate the following triangle by a scale factor of 2 with the center of dilation being (3, 3).

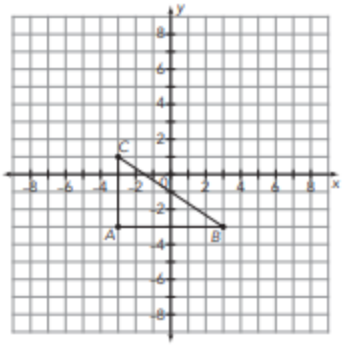


8.G.4

Exit Slip

Name: _____ **Date:** _____

Dilate the following triangle by a scale factor of 2 with the center of dilation being (3, 3).

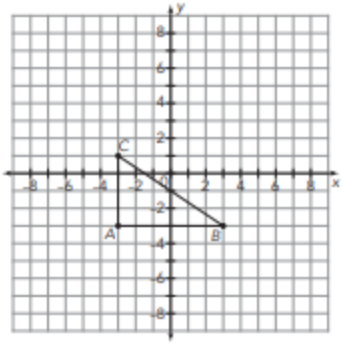


8.G.4

Exit Slip

Name: _____ **Date:** _____

Dilate the following triangle by a scale factor of 2 with the center of dilation being (3, 3).

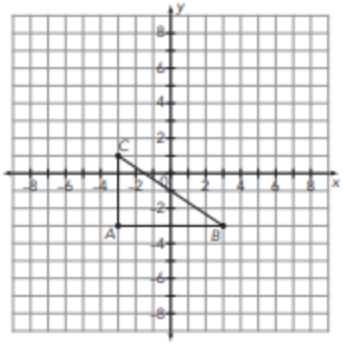


8.G.4

Exit Slip

Name: _____ **Date:** _____

Dilate the following triangle by a scale factor of 2 with the center of dilation being (3, 3).

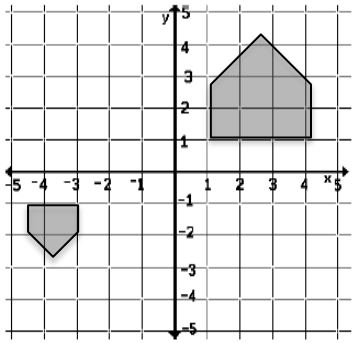


8.G.4

Exit Slip

Name: _____ **Date:** _____

Explain how the two shapes are similar using a sequence of transformations. There is more than one correct answer!

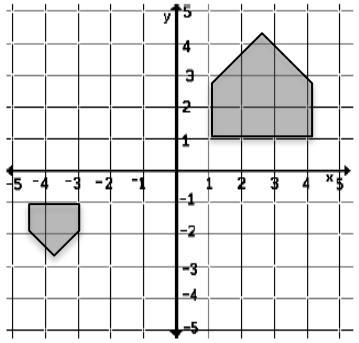


8.G.4

Exit Slip

Name: _____ **Date:** _____

Explain how the two shapes are similar using a sequence of transformations. There is more than one correct answer!

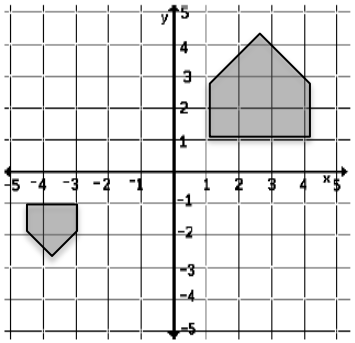


8.G.4

Exit Slip

Name: _____ **Date:** _____

Explain how the two shapes are similar using a sequence of transformations. There is more than one correct answer!

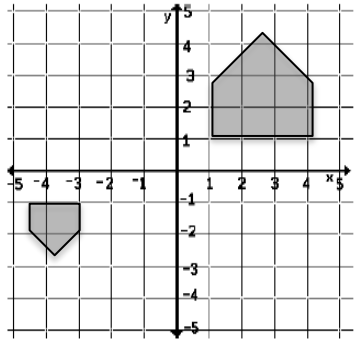


8.G.4

Exit Slip

Name: _____ **Date:** _____

Explain how the two shapes are similar using a sequence of transformations. There is more than one correct answer!

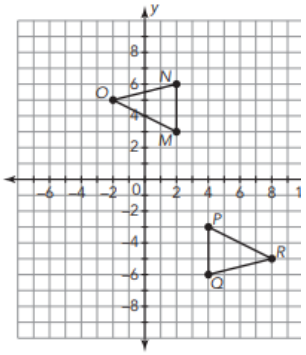


8.G.4

Exit Slip

Name: _____ **Date:** _____

Determine if the following triangles are similar and/or congruent. Explain your answer.

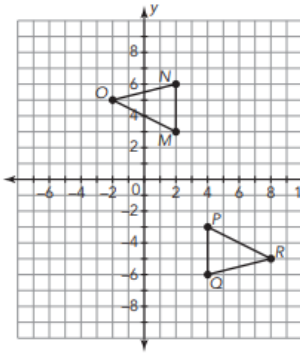


8.G.4

Exit Slip

Name: _____ **Date:** _____

Determine if the following triangles are similar and/or congruent. Explain your answer.

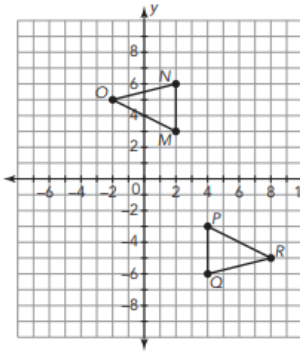


8.G.4

Exit Slip

Name: _____ **Date:** _____

Determine if the following triangles are similar and/or congruent. Explain your answer.

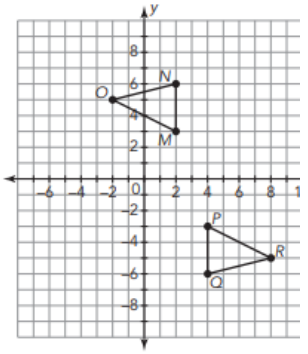


8.G.4

Exit Slip

Name: _____ **Date:** _____

Determine if the following triangles are similar and/or congruent. Explain your answer.



8.G.4

Exit Slip

Name: _____ **Date:** _____

If $\triangle ABC$ is similar to $\triangle ICE$. Identify the following corresponding:

Sides:

Angles:

8.G.4

Exit Slip

Name: _____ **Date:** _____

If $\triangle ABC$ is similar to $\triangle ICE$. Identify the following corresponding:

Sides:

Angles:

8.G.4

Exit Slip

Name: _____ **Date:** _____

If $\triangle ABC$ is similar to $\triangle ICE$. Identify the following corresponding:

Sides:

Angles:

8.G.4

Exit Slip

Name: _____ **Date:** _____

If $\triangle ABC$ is similar to $\triangle ICE$. Identify the following corresponding:

Sides:

Angles:

8.G.4

Exit Slip

Name: _______________________ Date: _______

True or False?

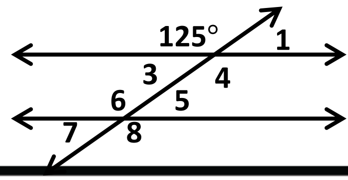
______1. Angles 1 and 3 are vertical angles

______2. The value of angle 7 is 125 degrees

______3. Angles 1 and 6 are alternate interior angles

______4. Angles 3 and 5 are alternate interior angles

______5. Angles 4 and 8 are corresponding angles.



8.G.5

Exit Slip

Name: _______________________ Date: _______

True or False?

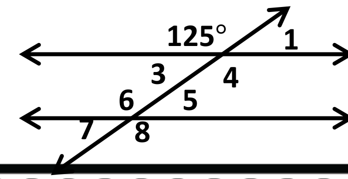
______1. Angles 1 and 3 are vertical angles

______2. The value of angle 7 is 125 degrees

______3. Angles 1 and 6 are alternate interior angles

______4. Angles 3 and 5 are alternate interior angles

______5. Angles 4 and 8 are corresponding angles.



8.G.5

Exit Slip

Name: _______________________ Date: _______

True or False?

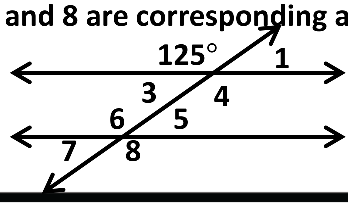
______1. Angles 1 and 3 are vertical angles

______2. The value of angle 7 is 125 degrees

______3. Angles 1 and 6 are alternate interior angles

______4. Angles 3 and 5 are alternate interior angles

______5. Angles 4 and 8 are corresponding angles.



8.G.5

Exit Slip

Name: _______________________ Date: _______

True or False?

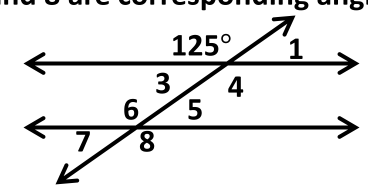
______1. Angles 1 and 3 are vertical angles

______2. The value of angle 7 is 125 degrees

______3. Angles 1 and 6 are alternate interior angles

______4. Angles 3 and 5 are alternate interior angles

______5. Angles 4 and 8 are corresponding angles.



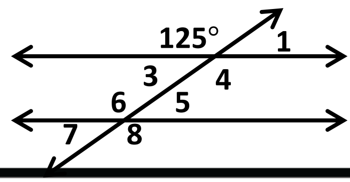
8.G.5

Exit Slip

Name: ______________________ Date: ______

True or False?

______1. The value of angle 5 is 55 degrees
______2. Angles 1 and 7 are alternate interior angles.
______3. Angles 6 and 8 are corresponding angles.
______4. Angles 1 and 6 are supplementary angles.
______5. Angles 4 and 8 are supplementary angles.



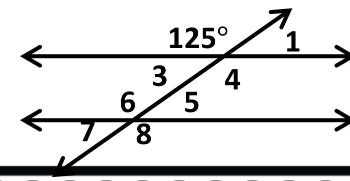
8.G.5

Exit Slip

Name: ______________________ Date: ______

True or False?

______1. The value of angle 5 is 55 degrees
______2. Angles 1 and 7 are alternate interior angles.
______3. Angles 6 and 8 are corresponding angles.
______4. Angles 1 and 6 are supplementary angles.
______5. Angles 4 and 8 are supplementary angles.



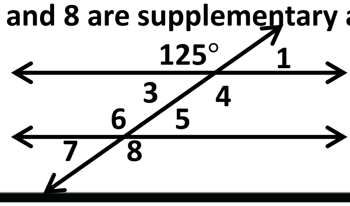
8.G.5

Exit Slip

Name: ______________________ Date: ______

True or False?

______1. The value of angle 5 is 55 degrees
______2. Angles 1 and 7 are alternate interior angles.
______3. Angles 6 and 8 are corresponding angles.
______4. Angles 1 and 6 are supplementary angles.
______5. Angles 4 and 8 are supplementary angles.



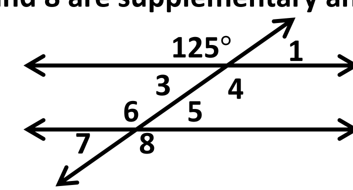
8.G.5

Exit Slip

Name: ______________________ Date: ______

True or False?

______1. The value of angle 5 is 55 degrees
______2. Angles 1 and 7 are alternate interior angles.
______3. Angles 6 and 8 are corresponding angles.
______4. Angles 1 and 6 are supplementary angles.
______5. Angles 4 and 8 are supplementary angles.

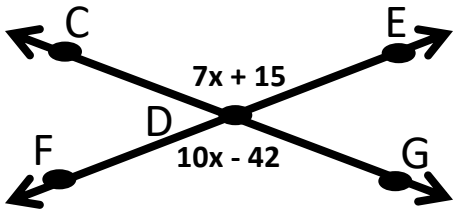


8.G.5

Exit Slip

Name: _____ **Date:** _____

Find the $m\angle CDE$

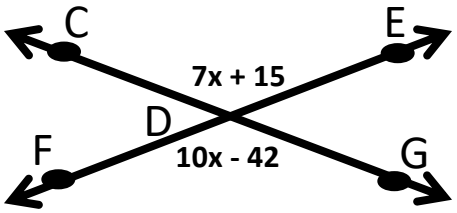


8.G.5

Exit Slip

Name: _____ **Date:** _____

Find the $m\angle CDE$

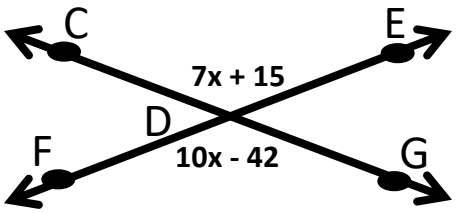


8.G.5

Exit Slip

Name: _____ **Date:** _____

Find the $m\angle CDE$

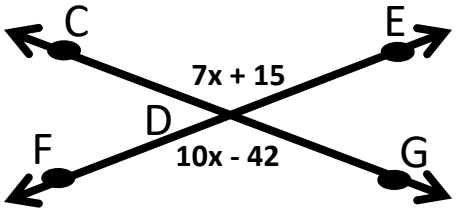


8.G.5

Exit Slip

Name: _____ **Date:** _____

Find the $m\angle CDE$

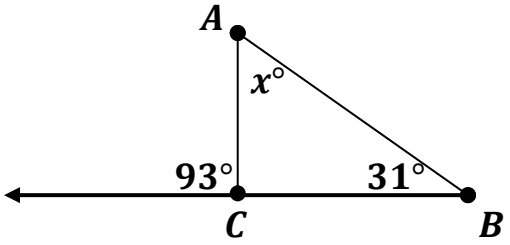


8.G.5

Exit Slip

Name: _____ **Date:** _____

Use the exterior angle theorem to find the unknown angle measure.

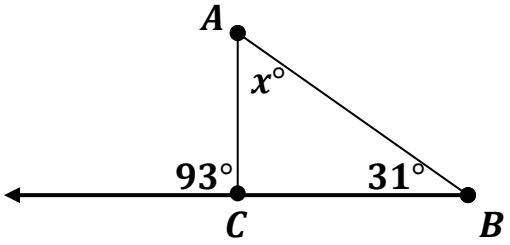


8.G.5

Exit Slip

Name: _____ **Date:** _____

Use the exterior angle theorem to find the unknown angle measure.

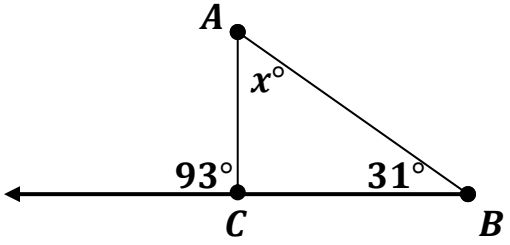


8.G.5

Exit Slip

Name: _____ **Date:** _____

Use the exterior angle theorem to find the unknown angle measure.

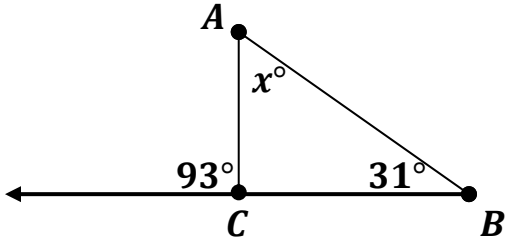


8.G.5

Exit Slip

Name: _____ **Date:** _____

Use the exterior angle theorem to find the unknown angle measure.

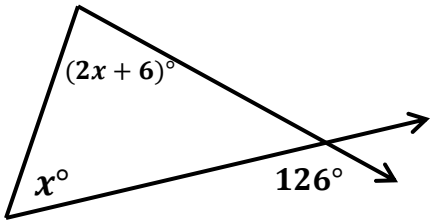


8.G.5

Exit Slip

Name: _____ **Date:** _____

Write an equation and solve for x.

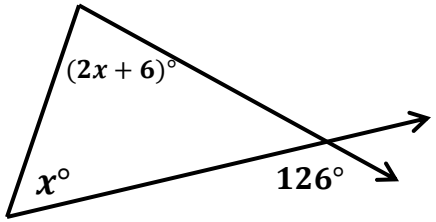


8.G.5

Exit Slip

Name: _____ **Date:** _____

Write an equation and solve for x.

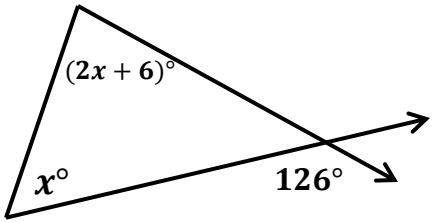


8.G.5

Exit Slip

Name: _____ **Date:** _____

Write an equation and solve for x.

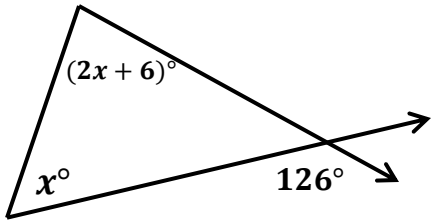


8.G.5

Exit Slip

Name: _____ **Date:** _____

Write an equation and solve for x.



8.G.5

Exit Slip

Name: _____ Date: _____

Fill in the blanks with the correct vocabulary term:

1. **The _____ states that the sum of the measures of the interior angles of a triangle is 180 degrees.**

2. **The _____ states that the measure of an exterior angle of a triangle is equal to the sum of the measures of the remote interior angles of the triangle.**

8.G.5

Exit Slip

Name: _____ Date: _____

Fill in the blanks with the correct vocabulary term:

1. **The _____ states that the sum of the measures of the interior angles of a triangle is 180 degrees.**

2. **The _____ states that the measure of an exterior angle of a triangle is equal to the sum of the measures of the remote interior angles of the triangle.**

8.G.5

Exit Slip

Name: _____ Date: _____

Fill in the blanks with the correct vocabulary term:

1. **The _____ states that the sum of the measures of the interior angles of a triangle is 180 degrees.**

2. **The _____ states that the measure of an exterior angle of a triangle is equal to the sum of the measures of the remote interior angles of the triangle.**

8.G.5

Exit Slip

Name: _____ Date: _____

Fill in the blanks with the correct vocabulary term:

1. **The _____ states that the sum of the measures of the interior angles of a triangle is 180 degrees.**

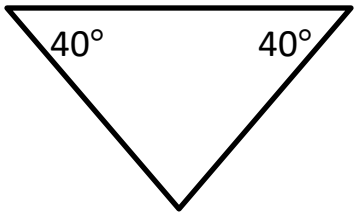
2. **The _____ states that the measure of an exterior angle of a triangle is equal to the sum of the measures of the remote interior angles of the triangle.**

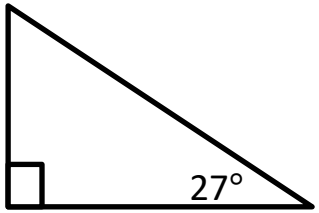
8.G.5

Exit Slip

Name: _____ **Date:** _____

Determine the measure of the unknown angle in each triangle.



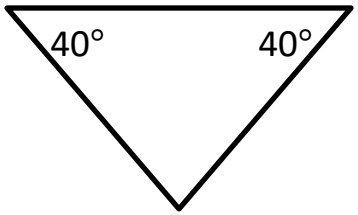


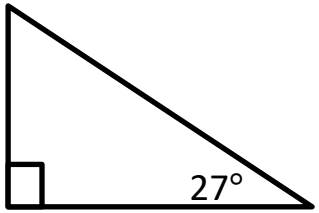
8.G.5

Exit Slip

Name: _____ **Date:** _____

Determine the measure of the unknown angle in each triangle.



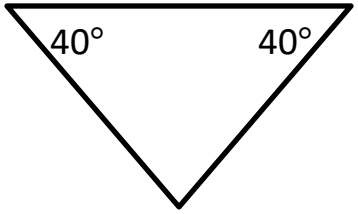


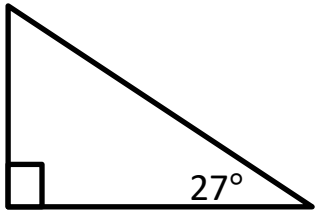
8.G.5

Exit Slip

Name: _____ **Date:** _____

Determine the measure of the unknown angle in each triangle.



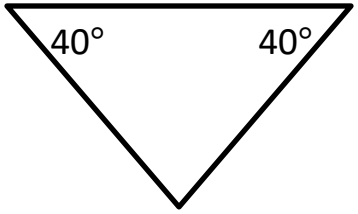


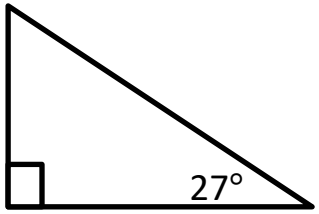
8.G.5

Exit Slip

Name: _____ **Date:** _____

Determine the measure of the unknown angle in each triangle.



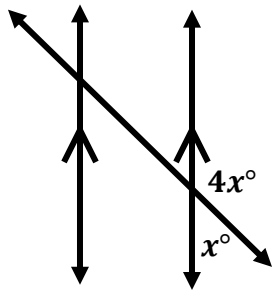


8.G.5

Exit Slip

Name: _____ **Date:** _____

Determine the measure of all the unknown angles.

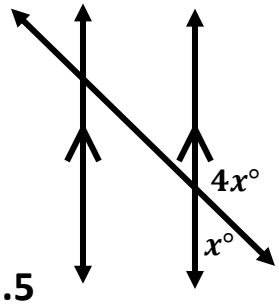


8.G.5

Exit Slip

Name: _____ **Date:** _____

Determine the measure of all the unknown angles.

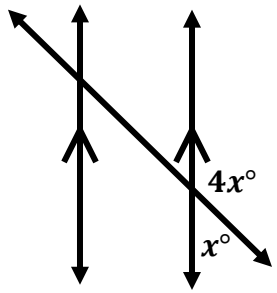


8.G.5

Exit Slip

Name: _____ **Date:** _____

Determine the measure of all the unknown angles.

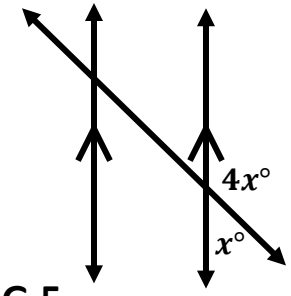


8.G.5

Exit Slip

Name: _____ **Date:** _____

Determine the measure of all the unknown angles.

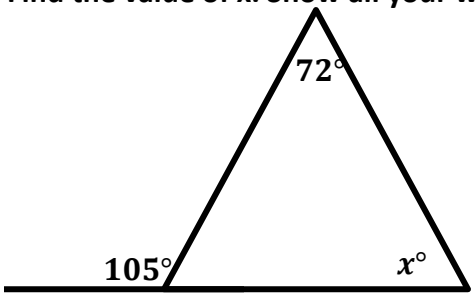


8.G.5

Exit Slip

Name: _____ Date: _____

Find the value of x. Show all your work

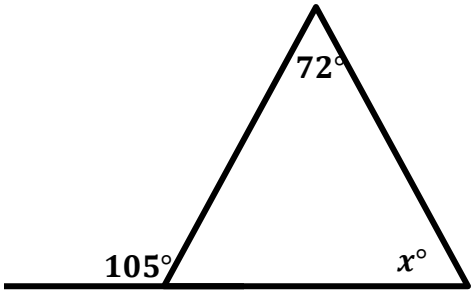


8.G.5

Exit Slip

Name: _____ Date: _____

Find the value of x. Show all your work

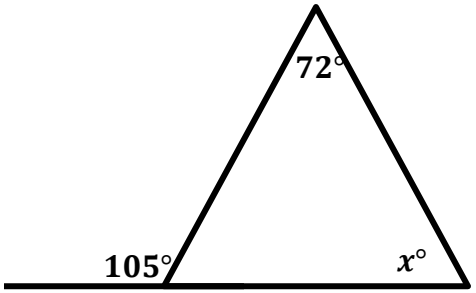


8.G.5

Exit Slip

Name: _____ Date: _____

Find the value of x. Show all your work

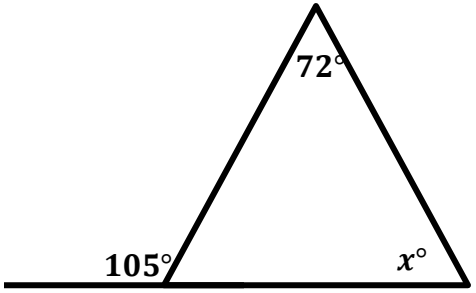


8.G.5

Exit Slip

Name: _____ Date: _____

Find the value of x. Show all your work

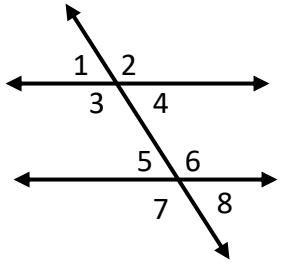


8.G.5

Exit Slip

Name: _____ **Date:** _____

If $\angle 1$ is 73°. Find the measure of all the other unknown angles.

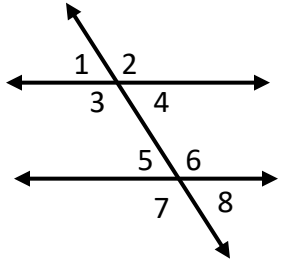


8.G.5

Exit Slip

Name: _____ **Date:** _____

If $\angle 1$ is 73°. Find the measure of all the other unknown angles.

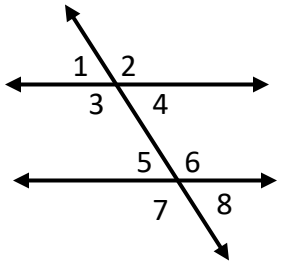


8.G.5

Exit Slip

Name: _____ **Date:** _____

If $\angle 1$ is 73°. Find the measure of all the other unknown angles.

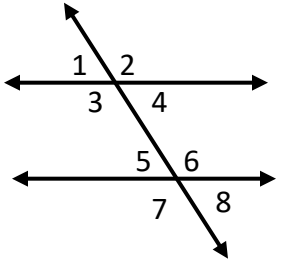


8.G.5

Exit Slip

Name: _____ **Date:** _____

If $\angle 1$ is 73°. Find the measure of all the other unknown angles.



8.G.5

Exit Slip

Name: _____ Date: _____

Explain in your own words what the Converse of the Pythagorean Theorem is.

8.G.6

Exit Slip

Name: _____ Date: _____

Explain in your own words what the Converse of the Pythagorean Theorem is.

8.G.6

Exit Slip

Name: _____ Date: _____

Explain in your own words what the Converse of the Pythagorean Theorem is.

8.G.6

Exit Slip

Name: _____ Date: _____

Explain in your own words what the Converse of the Pythagorean Theorem is.

8.G.6

Exit Slip

Name: _____ Date: _____

Explain in your own words what a Pythagorean Triple is and what it means.

8.G.6

Exit Slip

Name: _____ Date: _____

Explain in your own words what a Pythagorean Triple is and what it means.

8.G.6

Exit Slip

Name: _____ Date: _____

Explain in your own words what a Pythagorean Triple is and what it means.

8.G.6

Exit Slip

Name: _____ Date: _____

Explain in your own words what a Pythagorean Triple is and what it means.

8.G.6

Exit Slip

Name: _____ **Date:** _____

Fill in the blank:
The Converse of the Pythagorean Theorem is used to determine if triangles are _____ triangles.

8.G.6

Exit Slip

Name: _____ **Date:** _____

Fill in the blank:
The Converse of the Pythagorean Theorem is used to determine if triangles are _____ triangles.

8.G.6

Exit Slip

Name: _____ **Date:** _____

Fill in the blank:
The Converse of the Pythagorean Theorem is used to determine if triangles are _____ triangles.

8.G.6

Exit Slip

Name: _____ **Date:** _____

Fill in the blank:
The Converse of the Pythagorean Theorem is used to determine if triangles are _____ triangles.

8.G.6

Exit Slip

Name: _____ Date: _____

Does a non right triangle have a hypotenuse? Explain your answer.

8.G.6

Exit Slip

Name: _____ Date: _____

Does a non right triangle have a hypotenuse? Explain your answer.

8.G.6

Exit Slip

Name: _____ Date: _____

Does a non right triangle have a hypotenuse? Explain your answer.

8.G.6

Exit Slip

Name: _____ Date: _____

Does a non right triangle have a hypotenuse? Explain your answer.

8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 11, 11, 15

B) 6, 8, 10

8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 11, 11, 15

B) 6, 8, 10

8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 11, 11, 15

B) 6, 8, 10

8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 11, 11, 15

B) 6, 8, 10

8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 3, 4, 5

B) 9, 9, 13

8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 3, 4, 5

B) 9, 9, 13

8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 3, 4, 5

B) 9, 9, 13

8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 3, 4, 5

B) 9, 9, 13

8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 7, 7, 7

B) 8, 10, 12

8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 7, 7, 7

B) 8, 10, 12

8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 7, 7, 7

B) 8, 10, 12

8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 7, 7, 7

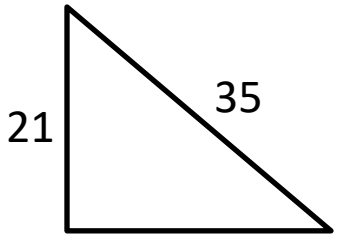
B) 8, 10, 12

8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

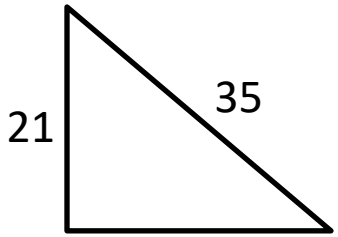


8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

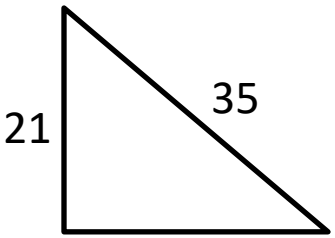


8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

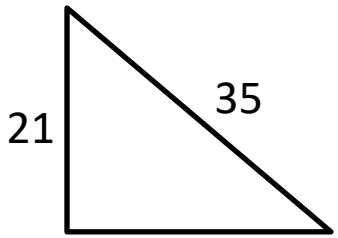


8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

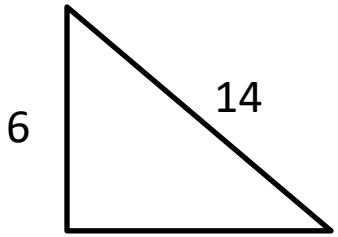


8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

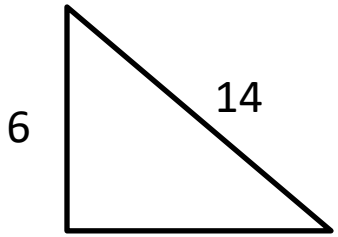


8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

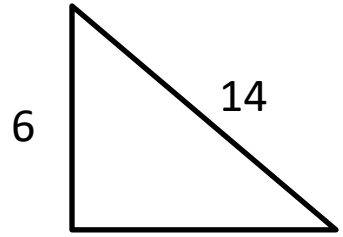


8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

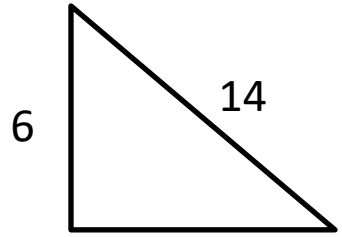


8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.

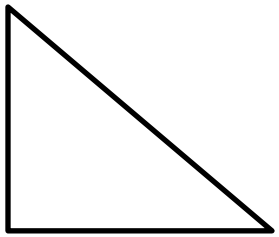


8.G.6

Exit Slip

Name: _____ **Date:** _____

Come up with three side lengths that would make the following triangle a right triangle.

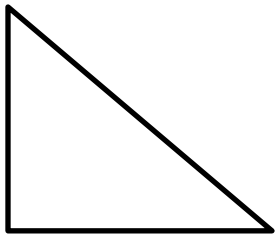


8.G.6

Exit Slip

Name: _____ **Date:** _____

Come up with three side lengths that would make the following triangle a right triangle.

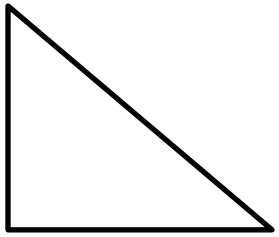


8.G.6

Exit Slip

Name: _____ **Date:** _____

Come up with three side lengths that would make the following triangle a right triangle.

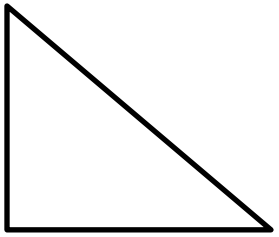


8.G.6

Exit Slip

Name: _____ **Date:** _____

Come up with three side lengths that would make the following triangle a right triangle.

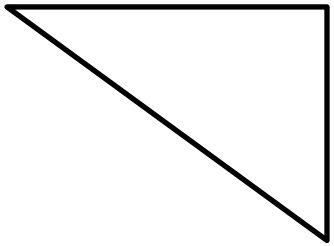


8.G.6

Exit Slip

Name: _____ **Date:** _____

Label all three sides of the following right triangle with either the word leg or hypotenuse.

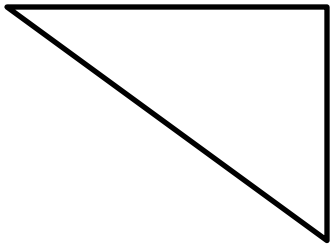


8.G.7

Exit Slip

Name: _____ **Date:** _____

Label all three sides of the following right triangle with either the word leg or hypotenuse.

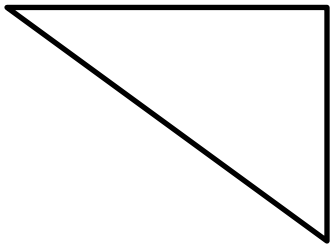


8.G.7

Exit Slip

Name: _____ **Date:** _____

Label all three sides of the following right triangle with either the word leg or hypotenuse.

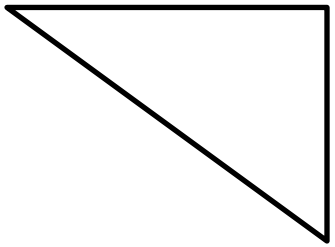


8.G.7

Exit Slip

Name: _____ **Date:** _____

Label all three sides of the following right triangle with either the word leg or hypotenuse.

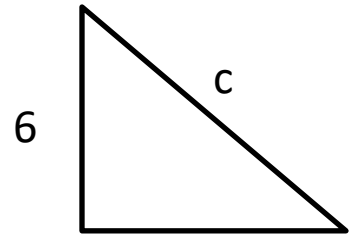


8.G.7

Exit Slip

Name: _____ **Date:** _____

Find the missing side length in the right triangle

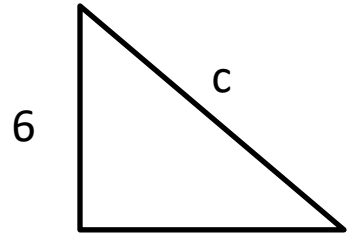


8.G.7

Exit Slip

Name: _____ **Date:** _____

Find the missing side length in the right triangle

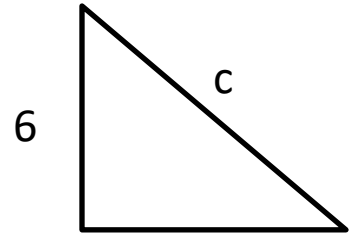


8.G.7

Exit Slip

Name: _____ **Date:** _____

Find the missing side length in the right triangle

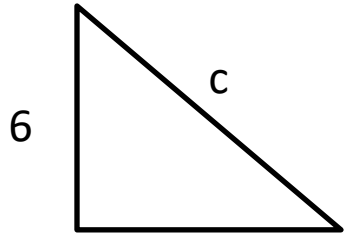


8.G.7

Exit Slip

Name: _____ **Date:** _____

Find the missing side length in the right triangle

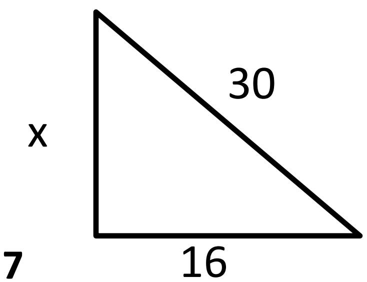


8.G.7

Exit Slip

Name: ______________________ **Date:** _______

Find the missing side length in the right triangle

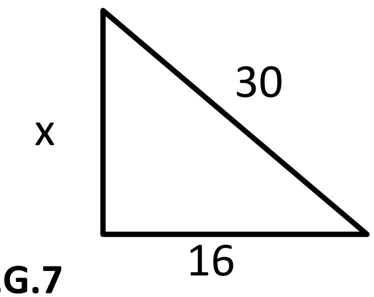


8.G.7

Exit Slip

Name: ______________________ **Date:** _______

Find the missing side length in the right triangle

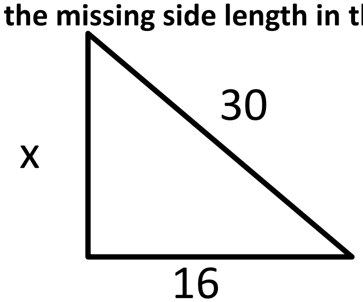


8.G.7

Exit Slip

Name: ______________________ **Date:** _______

Find the missing side length in the right triangle

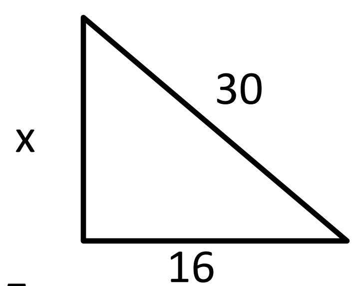


8.G.7

Exit Slip

Name: ______________________ **Date:** _______

Find the missing side length in the right triangle



8.G.7

Exit Slip

Name: _____ **Date:** _____

A baseball diamond is a square with sides of 90 feet. What is the distance to the nearest tenth of a foot between home and second base?

8.G.7

Exit Slip

Name: _____ **Date:** _____

A baseball diamond is a square with sides of 90 feet. What is the distance to the nearest tenth of a foot between home and second base?

8.G.7

Exit Slip

Name: _____ **Date:** _____

A baseball diamond is a square with sides of 90 feet. What is the distance to the nearest tenth of a foot between home and second base?

8.G.7

Exit Slip

Name: _____ **Date:** _____

A baseball diamond is a square with sides of 90 feet. What is the distance to the nearest tenth of a foot between home and second base?

8.G.7

Exit Slip

Name: _____ **Date:** _____

A soccer field is a rectangle 90 meters wide and 120 meters long. The coach asks players to run from one corner to the corner diagonally across. What is the distance to the nearest tenth of a meter?

8.G.7

Exit Slip

Name: _____ **Date:** _____

A soccer field is a rectangle 90 meters wide and 120 meters long. The coach asks players to run from one corner to the corner diagonally across. What is the distance to the nearest tenth of a meter?

8.G.7

Exit Slip

Name: _____ **Date:** _____

A soccer field is a rectangle 90 meters wide and 120 meters long. The coach asks players to run from one corner to the corner diagonally across. What is the distance to the nearest tenth of a meter?

8.G.7

Exit Slip

Name: _____ **Date:** _____

A soccer field is a rectangle 90 meters wide and 120 meters long. The coach asks players to run from one corner to the corner diagonally across. What is the distance to the nearest tenth of a meter?

8.G.7

Exit Slip

Name: _____ **Date:** _____

Amy leaves the house to go get ice cream. She walks 2 miles west and 3 miles north. How far is Amy from her starting point?

8.G.7

Exit Slip

Name: _____ **Date:** _____

Amy leaves the house to go get ice cream. She walks 2 miles west and 3 miles north. How far is Amy from her starting point?

8.G.7

Exit Slip

Name: _____ **Date:** _____

Amy leaves the house to go get ice cream. She walks 2 miles west and 3 miles north. How far is Amy from her starting point?

8.G.7

Exit Slip

Name: _____ **Date:** _____

Amy leaves the house to go get ice cream. She walks 2 miles west and 3 miles north. How far is Amy from her starting point?

8.G.7

Exit Slip

Name: _____ **Date:** _____

Mr. Smith tells you that a right triangle has a hypotenuse of 19 and a leg of 10. He asks you to find the other leg of the triangle. What is your answer?

8.G.7

Exit Slip

Name: _____ **Date:** _____

Mr. Smith tells you that a right triangle has a hypotenuse of 19 and a leg of 10. He asks you to find the other leg of the triangle. What is your answer?

8.G.7

Exit Slip

Name: _____ **Date:** _____

Mr. Smith tells you that a right triangle has a hypotenuse of 19 and a leg of 10. He asks you to find the other leg of the triangle. What is your answer?

8.G.7

Exit Slip

Name: _____ **Date:** _____

Mr. Smith tells you that a right triangle has a hypotenuse of 19 and a leg of 10. He asks you to find the other leg of the triangle. What is your answer?

8.G.7

Exit Slip

Name: _____ Date: _____

Blake made a rectangular table for his dining room. The sides of the table are 12 feet and 4 feet. What is the length of the diagonal of the table?

8.G.7

Exit Slip

Name: _____ Date: _____

Blake made a rectangular table for his dining room. The sides of the table are 12 feet and 4 feet. What is the length of the diagonal of the table?

8.G.7

Exit Slip

Name: _____ Date: _____

Blake made a rectangular table for his dining room. The sides of the table are 12 feet and 4 feet. What is the length of the diagonal of the table?

8.G.7

Exit Slip

Name: _____ Date: _____

Blake made a rectangular table for his dining room. The sides of the table are 12 feet and 4 feet. What is the length of the diagonal of the table?

8.G.7

Exit Slip

Name: _____ Date: _____

A cat is stuck on the root. If the ladder is 12 feet long and must be placed seven feet away from the building. How high can the ladder reach up the building to help save the cat?

8.G.7

Exit Slip

Name: _____ Date: _____

A cat is stuck on the root. If the ladder is 12 feet long and must be placed seven feet away from the building. How high can the ladder reach up the building to help save the cat?

8.G.7

Exit Slip

Name: _____ Date: _____

A cat is stuck on the root. If the ladder is 12 feet long and must be placed seven feet away from the building. How high can the ladder reach up the building to help save the cat?

8.G.7

Exit Slip

Name: _____ Date: _____

A cat is stuck on the root. If the ladder is 12 feet long and must be placed seven feet away from the building. How high can the ladder reach up the building to help save the cat?

8.G.7

Exit Slip

Name: _____ Date: _____

A fire truck parks 16 feet away from a building. The fire truck extends its ladder 30 feet to the very top of the building. How tall is the building?

8.G.7

Exit Slip

Name: _____ Date: _____

A fire truck parks 16 feet away from a building. The fire truck extends its ladder 30 feet to the very top of the building. How tall is the building?

8.G.7

Exit Slip

Name: _____ Date: _____

A fire truck parks 16 feet away from a building. The fire truck extends its ladder 30 feet to the very top of the building. How tall is the building?

8.G.7

Exit Slip

Name: _____ Date: _____

A fire truck parks 16 feet away from a building. The fire truck extends its ladder 30 feet to the very top of the building. How tall is the building?

8.G.7

Exit Slip

Name: _____ Date: _____

Explain in your own words how to find the distance between two points on a coordinate plane.

8.G.8

Exit Slip

Name: _____ Date: _____

Explain in your own words how to find the distance between two points on a coordinate plane.

8.G.8

Exit Slip

Name: _____ Date: _____

Explain in your own words how to find the distance between two points on a coordinate plane.

8.G.8

Exit Slip

Name: _____ Date: _____

Explain in your own words how to find the distance between two points on a coordinate plane.

8.G.8

Exit Slip

Name: _____ **Date:** _____

Determine if the following statement is true or false. Explain your answer.

The distance between two points on a coordinate plane is always positive.

8.G.8

Exit Slip

Name: _____ **Date:** _____

Determine if the following statement is true or false. Explain your answer.

The distance between two points on a coordinate plane is always positive.

8.G.8

Exit Slip

Name: _____ **Date:** _____

Determine if the following statement is true or false. Explain your answer.

The distance between two points on a coordinate plane is always positive.

8.G.8

Exit Slip

Name: _____ **Date:** _____

Determine if the following statement is true or false. Explain your answer.

The distance between two points on a coordinate plane is always positive.

8.G.8

Exit Slip

Name: _____ **Date:** _____

What is the distance formula for finding the distance between two points?

8.G.8

Exit Slip

Name: _____ **Date:** _____

What is the distance formula for finding the distance between two points?

8.G.8

Exit Slip

Name: _____ **Date:** _____

What is the distance formula for finding the distance between two points?

8.G.8

Exit Slip

Name: _____ **Date:** _____

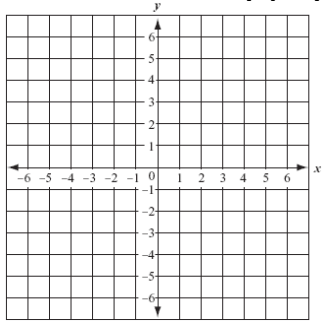
What is the distance formula for finding the distance between two points?

8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (6, -2) and (1, 7).

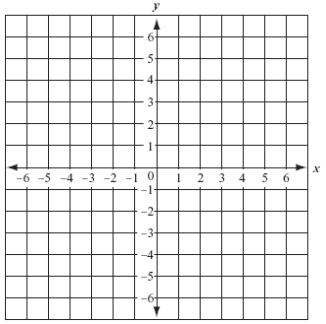


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (6, -2) and (1, 7).

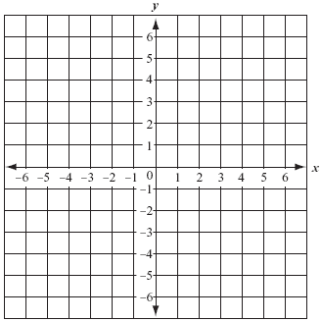


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (6, -2) and (1, 7).

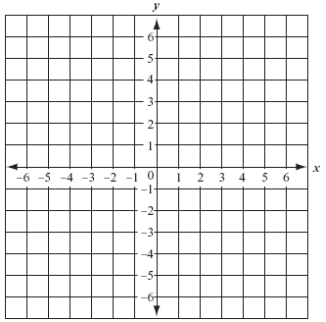


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (6, -2) and (1, 7).

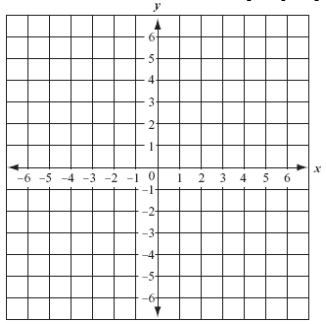


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (-6, 4) and (5, 1)

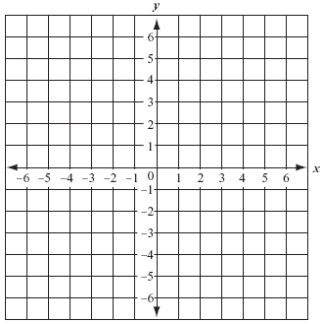


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (-6, 4) and (5, 1)

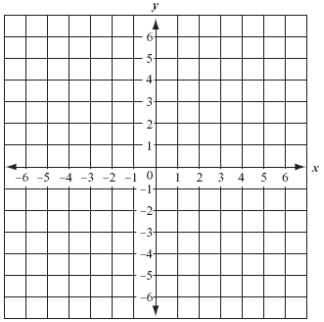


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (-6, 4) and (5, 1)

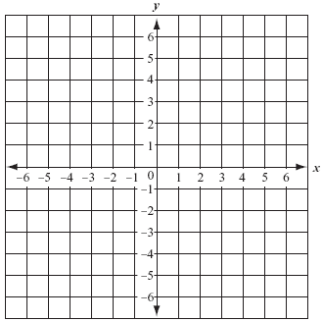


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (-6, 4) and (5, 1)

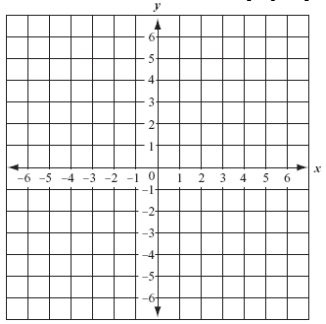


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (7, 0) and (-5, -6)

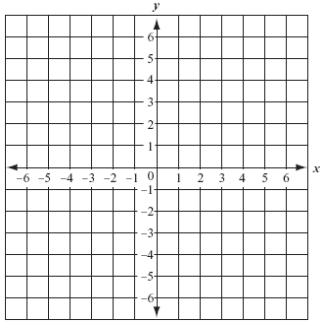


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (7, 0) and (-5, -6)

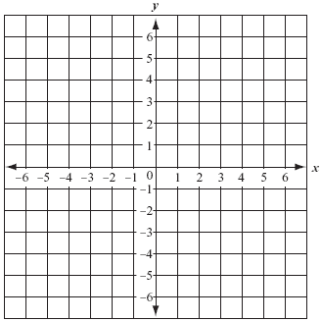


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (7, 0) and (-5, -6)

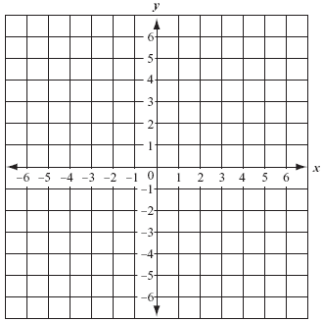


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (7, 0) and (-5, -6)

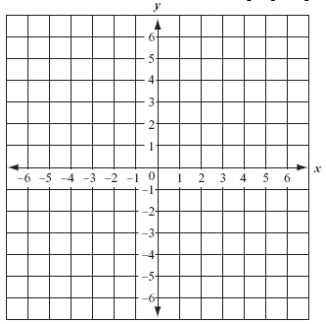


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (8, 2) and (3, 9).

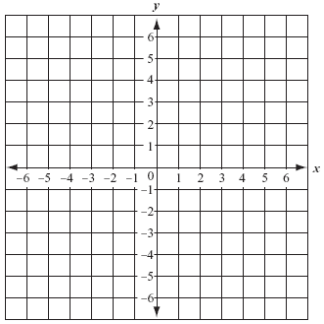


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (8, 2) and (3, 9).

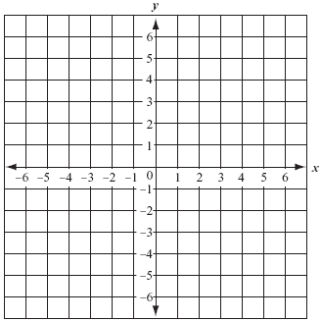


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (8, 2) and (3, 9).

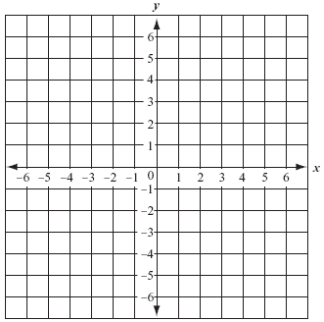


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (8, 2) and (3, 9).

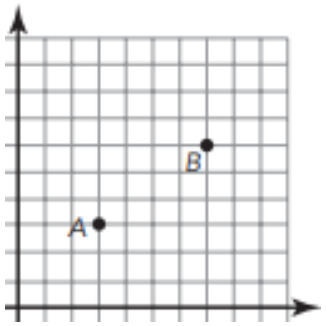


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between A and B

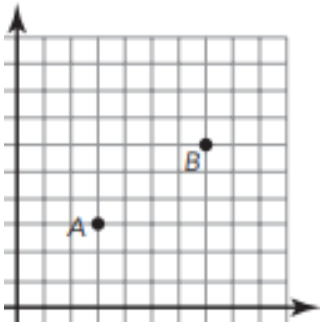


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between A and B

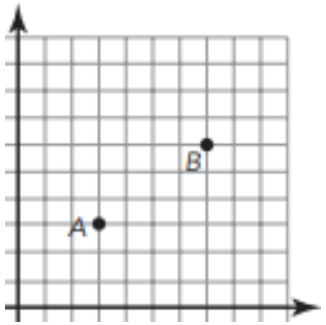


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between A and B

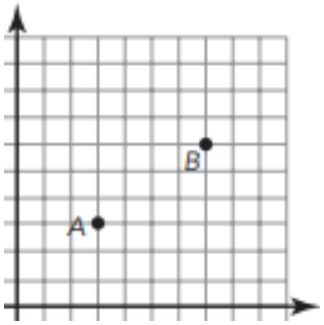


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between A and B

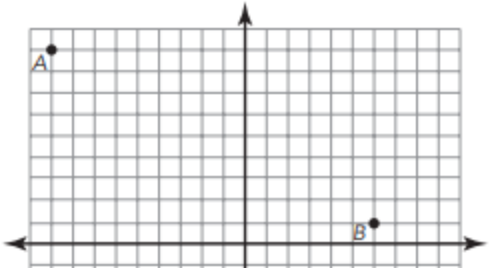


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between A and B

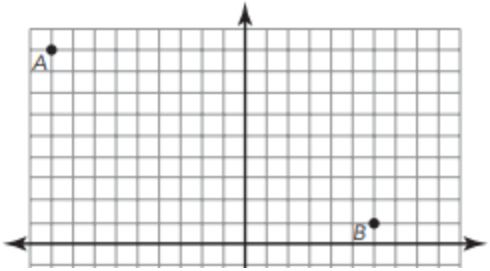


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between A and B

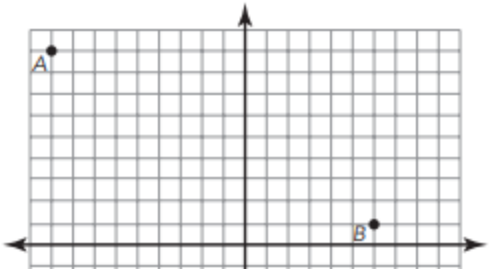


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between A and B

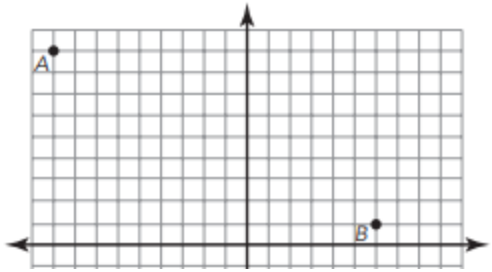


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between A and B

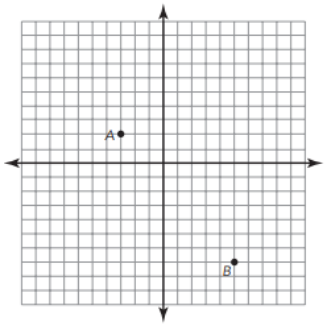


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between A and B

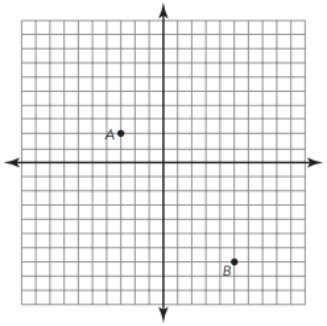


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between A and B

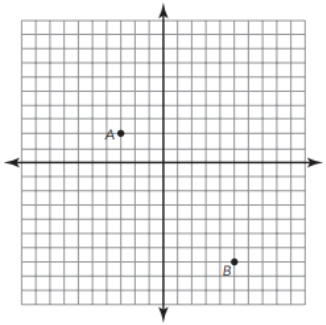


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between A and B

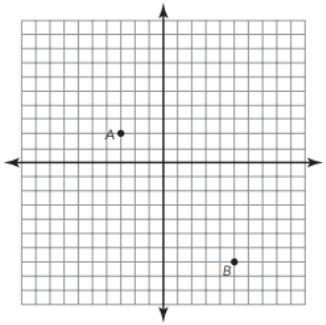


8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between A and B



8.G.8

Exit Slip

Name: _____ **Date:** _____

Write the formulas for the following:

Cones:

Cylinders:

Spheres:

8.G.9

Exit Slip

Name: _____ **Date:** _____

Write the formulas for the following:

Cones:

Cylinders:

Spheres:

8.G.9

Exit Slip

Name: _____ **Date:** _____

Write the formulas for the following:

Cones:

Cylinders:

Spheres:

8.G.9

Exit Slip

Name: _____ **Date:** _____

Write the formulas for the following:

Cones:

Cylinders:

Spheres:

8.G.9

Exit Slip

Name: _____ **Date:** _____

Match the correct formulas:

1. _____ **Volume of a Cylinder**
2. _____ **Volume of a Cone**
3. _____ **Volume of a Sphere**

A. $V = \frac{4}{3}\pi r^3$

B. $V = \pi r^2 h$

C. $V = \frac{\pi r^2 h}{3}$

8.G.9

Exit Slip

Name: _____ **Date:** _____

Match the correct formulas:

1. _____ **Volume of a Cylinder**
2. _____ **Volume of a Cone**
3. _____ **Volume of a Sphere**

A. $V = \frac{4}{3}\pi r^3$

B. $V = \pi r^2 h$

C. $V = \frac{\pi r^2 h}{3}$

8.G.9

Exit Slip

Name: _____ **Date:** _____

Match the correct formulas:

1. _____ **Volume of a Cylinder**
2. _____ **Volume of a Cone**
3. _____ **Volume of a Sphere**

A. $V = \frac{4}{3}\pi r^3$

B. $V = \pi r^2 h$

C. $V = \frac{\pi r^2 h}{3}$

8.G.9

Exit Slip

Name: _____ **Date:** _____

Match the correct formulas:

1. _____ **Volume of a Cylinder**
2. _____ **Volume of a Cone**
3. _____ **Volume of a Sphere**

A. $V = \frac{4}{3}\pi r^3$

B. $V = \pi r^2 h$

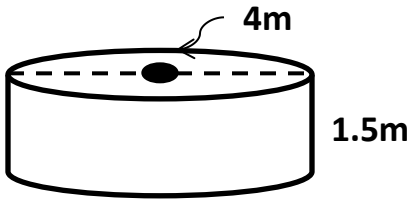
C. $V = \frac{\pi r^2 h}{3}$

8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of the following:

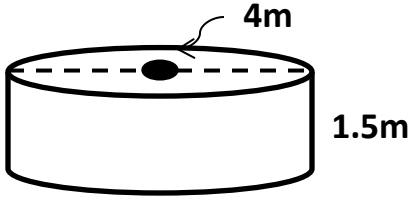


8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of the following:

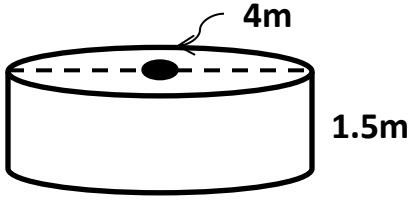


8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of the following:

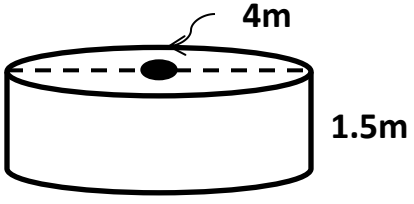


8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of the following:



8.G.9

Exit Slip

Name: _____ Date: _____

The volume of a cone is 1,570in^3. If the radius of the cone is 10 inches, calculate the height of the cone.

8.G.9

Exit Slip

Name: _____ Date: _____

The volume of a cone is 1,570in^3. If the radius of the cone is 10 inches, calculate the height of the cone.

8.G.9

Exit Slip

Name: _____ Date: _____

The volume of a cone is 1,570in^3. If the radius of the cone is 10 inches, calculate the height of the cone.

8.G.9

Exit Slip

Name: _____ Date: _____

The volume of a cone is 1,570in^3. If the radius of the cone is 10 inches, calculate the height of the cone.

8.G.9

Exit Slip

Name: _____ **Date:** _____

Find the volume of a sphere if the diameter is 29 feet.

8.G.9

Exit Slip

Name: _____ **Date:** _____

Find the volume of a sphere if the diameter is 29 feet.

8.G.9

Exit Slip

Name: _____ **Date:** _____

Find the volume of a sphere if the diameter is 29 feet.

8.G.9

Exit Slip

Name: _____ **Date:** _____

Find the volume of a sphere if the diameter is 29 feet.

8.G.9

Exit Slip

Name: _____ **Date:** _____

Find the volume of a cone if it has a diameter of 10 inches and a height of 8 inches.

8.G.9

Exit Slip

Name: _____ **Date:** _____

Find the volume of a cone if it has a diameter of 10 inches and a height of 8 inches.

8.G.9

Exit Slip

Name: _____ **Date:** _____

Find the volume of a cone if it has a diameter of 10 inches and a height of 8 inches.

8.G.9

Exit Slip

Name: _____ **Date:** _____

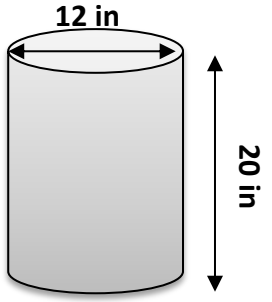
Find the volume of a cone if it has a diameter of 10 inches and a height of 8 inches.

8.G.9

Exit Slip

Name: _____ **Date:** _____

Find the volume of the cylinder with the given dimensions.

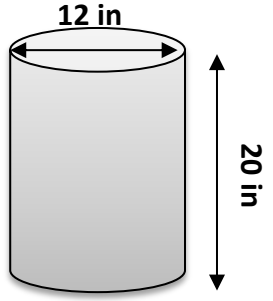


8.G.9

Exit Slip

Name: _____ **Date:** _____

Find the volume of the cylinder with the given dimensions.

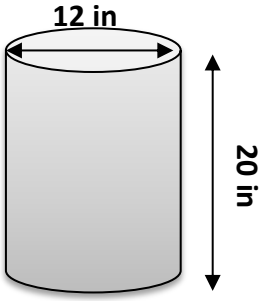


8.G.9

Exit Slip

Name: _____ **Date:** _____

Find the volume of the cylinder with the given dimensions.

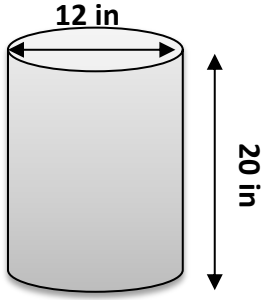


8.G.9

Exit Slip

Name: _____ **Date:** _____

Find the volume of the cylinder with the given dimensions.



8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of a sphere if it has a radius of 5 inches.

8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of a sphere if it has a radius of 5 inches.

8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of a sphere if it has a radius of 5 inches.

8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of a sphere if it has a radius of 5 inches.

8.G.9

Exit Slip

Name: _____ **Date:** _____

An ice cream cone has a diameter of 14.8 cm and a volume of 464.3cm^3. Find the height of the cone to the nearest tenth.

8.G.9

Exit Slip

Name: _____ **Date:** _____

An ice cream cone has a diameter of 14.8 cm and a volume of 464.3cm^3. Find the height of the cone to the nearest tenth.

8.G.9

Exit Slip

Name: _____ **Date:** _____

An ice cream cone has a diameter of 14.8 cm and a volume of 464.3cm^3. Find the height of the cone to the nearest tenth.

8.G.9

Exit Slip

Name: _____ **Date:** _____

An ice cream cone has a diameter of 14.8 cm and a volume of 464.3cm^3. Find the height of the cone to the nearest tenth.

8.G.9

Exit Slip

Name: _____ **Date:** _____

Find the height of a cylinder with a radius of 5 inches and a volume of 510.25 in^3.

8.G.9

Exit Slip

Name: _____ **Date:** _____

Find the height of a cylinder with a radius of 5 inches and a volume of 510.25 in^3.

8.G.9

Exit Slip

Name: _____ **Date:** _____

Find the height of a cylinder with a radius of 5 inches and a volume of 510.25 in^3.

8.G.9

Exit Slip

Name: _____ **Date:** _____

Find the height of a cylinder with a radius of 5 inches and a volume of 510.25 in^3.

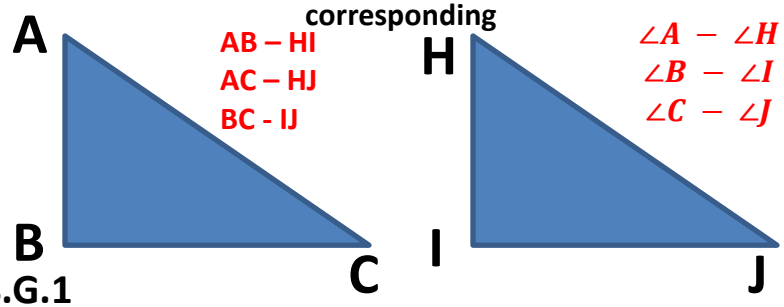
8.G.9

Answer Keys

Exit Slip

Name: _____ Date: _____

Use patty paper to figure out which sides of the congruent figures are corresponding and which angles are corresponding



AB – HI
AC – HJ
BC - IJ

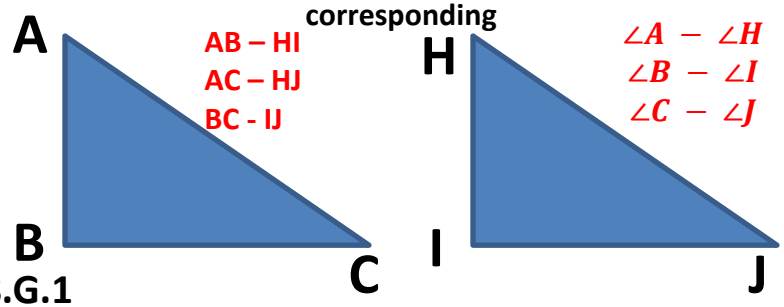
$\angle A - \angle H$
$\angle B - \angle I$
$\angle C - \angle J$

8.G.1

Exit Slip

Name: _____ Date: _____

Use patty paper to figure out which sides of the congruent figures are corresponding and which angles are corresponding



AB – HI
AC – HJ
BC - IJ

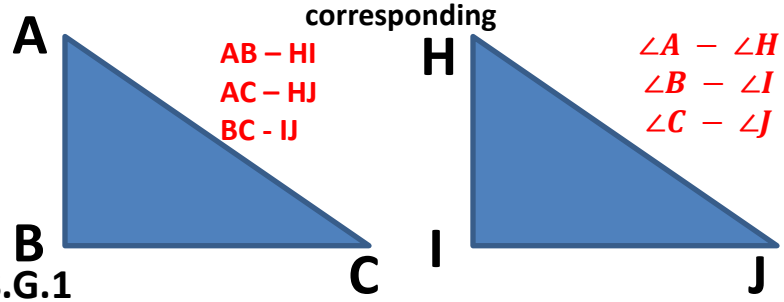
$\angle A - \angle H$
$\angle B - \angle I$
$\angle C - \angle J$

8.G.1

Exit Slip

Name: _____ Date: _____

Use patty paper to figure out which sides of the congruent figures are corresponding and which angles are corresponding



AB – HI
AC – HJ
BC - IJ

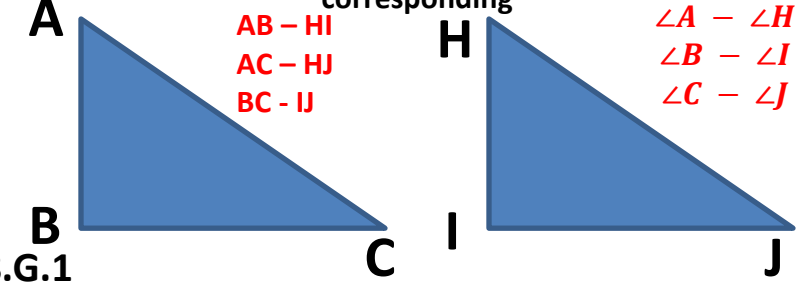
$\angle A - \angle H$
$\angle B - \angle I$
$\angle C - \angle J$

8.G.1

Exit Slip

Name: _____ Date: _____

Use patty paper to figure out which sides of the congruent figures are corresponding and which angles are corresponding



AB – HI
AC – HJ
BC - IJ

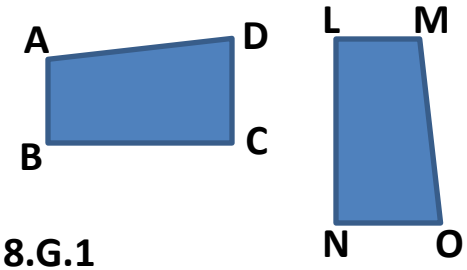
$\angle A - \angle H$
$\angle B - \angle I$
$\angle C - \angle J$

8.G.1

Exit Slip

Name: _____ Date: _____

Use patty paper to figure out which sides of the congruent figures are corresponding and which angles are corresponding



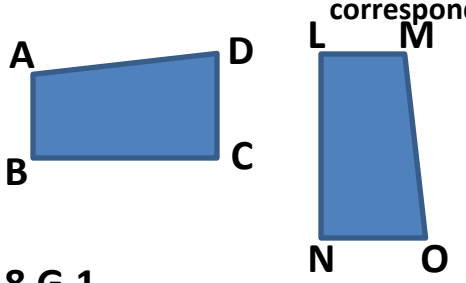
AB – ML
AD – MO
DC – ON
CB - NL
$\angle A - \angle M$
$\angle B - \angle L$
$\angle C - \angle N$
$\angle D - \angle O$

8.G.1

Exit Slip

Name: _____ Date: _____

Use patty paper to figure out which sides of the congruent figures are corresponding and which angles are corresponding



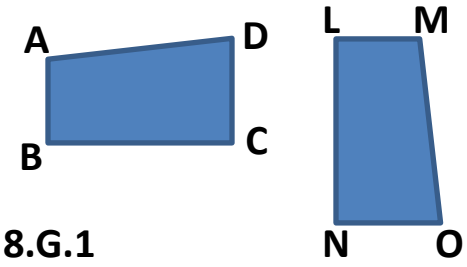
AB – ML
AD – MO
DC – ON
CB - NL
$\angle A - \angle M$
$\angle B - \angle L$
$\angle C - \angle N$
$\angle D - \angle O$

8.G.1

Exit Slip

Name: _____ Date: _____

Use patty paper to figure out which sides of the congruent figures are corresponding and which angles are corresponding



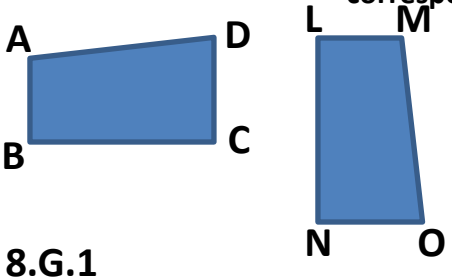
AB – ML
AD – MO
DC – ON
CB - NL
$\angle A - \angle M$
$\angle B - \angle L$
$\angle C - \angle N$
$\angle D - \angle O$

8.G.1

Exit Slip

Name: _____ Date: _____

Use patty paper to figure out which sides of the congruent figures are corresponding and which angles are corresponding



AB – ML
AD – MO
DC – ON
CB - NL
$\angle A - \angle M$
$\angle B - \angle L$
$\angle C - \angle N$
$\angle D - \angle O$

8.G.1

Exit Slip

Name: _____ Date: _____

Determine which figures are congruent to figure A

Figure A B C D E

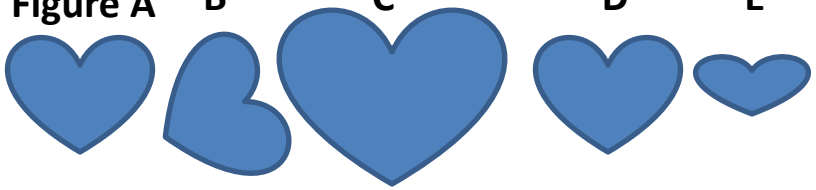


Figure B and Figure D

8.G.1

Exit Slip

Name: _____ Date: _____

Determine which figures are congruent to figure A

Figure A B C D E

Figure B and Figure D

8.G.1

Exit Slip

Name: _____ Date: _____

Determine which figures are congruent to figure A

Figure A B C D E

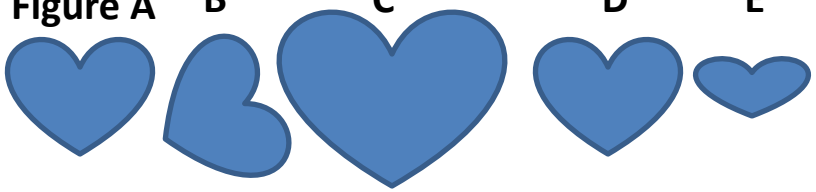


Figure B and Figure D

8.G.1

Exit Slip

Name: _____ Date: _____

Determine which figures are congruent to figure A

Figure A B C D E

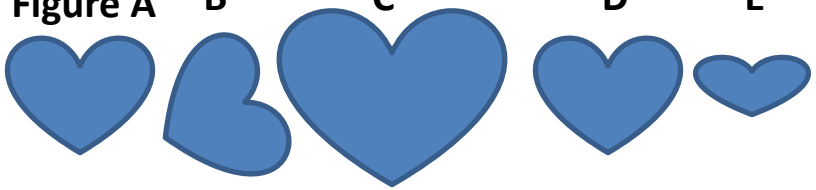


Figure B and Figure D

8.G.1

Exit Slip

Name: _____ Date: _____

Explain how you can move from Figure A to each congruent figure by translating, reflecting, or rotating.

Figure A B C D E

Figure B – Rotation

Figure D - Translation

8.G.1

Exit Slip

Name: _____ Date: _____

Explain how you can move from Figure A to each congruent figure by translating, reflecting, or rotating.

Figure A B C D E

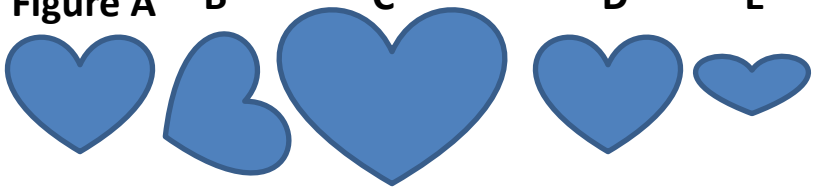


Figure B – Rotation

Figure D - Translation

8.G.1

Exit Slip

Name: _____ Date: _____

Explain how you can move from Figure A to each congruent figure by translating, reflecting, or rotating.

Figure A B C D E

Figure B – Rotation

Figure D - Translation

8.G.1

Exit Slip

Name: _____ Date: _____

Explain how you can move from Figure A to each congruent figure by translating, reflecting, or rotating.

Figure A B C D E

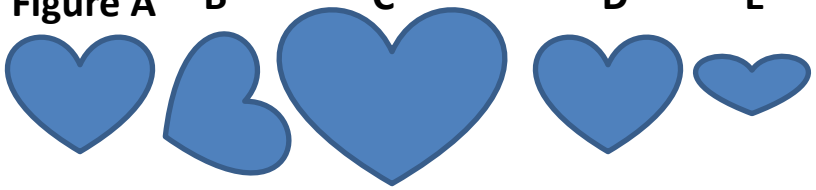


Figure B – Rotation

Figure D - Translation

8.G.1

Exit Slip

Name: _____ Date: _____

Describe in your own words what translation, reflection, and rotation mean.

Answers will vary

8.G.1

Exit Slip

Name: _____ Date: _____

Describe in your own words what translation, reflection, and rotation mean.

Answers will vary

8.G.1

Exit Slip

Name: _____ Date: _____

Describe in your own words what translation, reflection, and rotation mean.

Answers will vary

8.G.1

Exit Slip

Name: _____ Date: _____

Describe in your own words what translation, reflection, and rotation mean.

Answers will vary

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a translation?

Size and shape

B. What changes after a translation?

Placement of object

C. What do you need to know in order to perform a translation?

Direction and how far the object is moving

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a translation?

Size and shape

B. What changes after a translation?

Placement of object

C. What do you need to know in order to perform a translation?

Direction and how far the object is moving

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a translation?

Size and shape

B. What changes after a translation?

Placement of object

C. What do you need to know in order to perform a translation?

Direction and how far the object is moving

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a translation?

Size and shape

B. What changes after a translation?

Placement of object

C. What do you need to know in order to perform a translation?

Direction and how far the object is moving

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a reflection?

Size and shape

B. What changes after a reflection?

Placement and direction

C. What do you need to know in order to perform a reflection?

Line of Reflection

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a reflection?

Size and shape

B. What changes after a reflection?

Placement and direction

C. What do you need to know in order to perform a reflection?

Line of Reflection

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a reflection?

Size and shape

B. What changes after a reflection?

Placement and direction

C. What do you need to know in order to perform a reflection?

Line of Reflection

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a reflection?

Size and shape

B. What changes after a reflection?

Placement and direction

C. What do you need to know in order to perform a reflection?

Line of Reflection

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a rotation?
Size and shape

B. What changes after a rotation?
Placement and direction

C. What do you need to know in order to perform a rotation?
Degree and Direction of Rotation

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a rotation?
Size and shape

B. What changes after a rotation?
Placement and direction

C. What do you need to know in order to perform a rotation?
Degree and Direction of Rotation

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a rotation?
Size and shape

B. What changes after a rotation?
Placement and direction

C. What do you need to know in order to perform a rotation?
Degree and Direction of Rotation

8.G.1

Exit Slip

Name: _____ Date: _____

A. What stays the same after a rotation?
Size and shape

B. What changes after a rotation?
Placement and direction

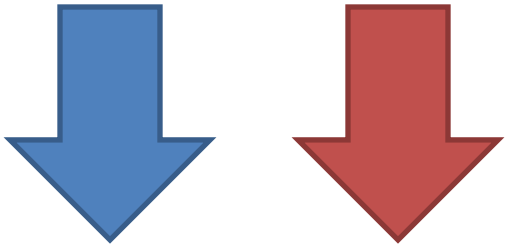
C. What do you need to know in order to perform a rotation?
Degree and Direction of Rotation

8.G.1

Exit Slip

Name: _____ Date: _____

Translate the given figure to the right.

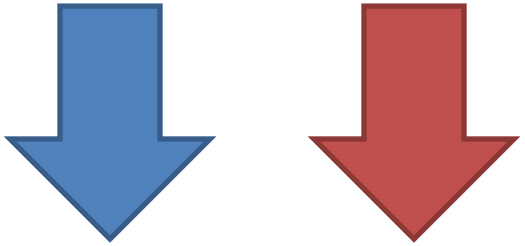


8.G.1

Exit Slip

Name: _____ Date: _____

Translate the given figure to the right.

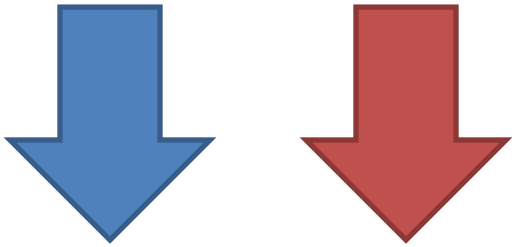


8.G.1

Exit Slip

Name: _____ Date: _____

Translate the given figure to the right.

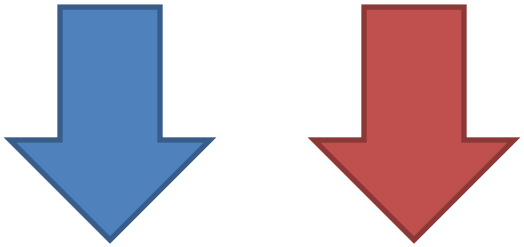


8.G.1

Exit Slip

Name: _____ Date: _____

Translate the given figure to the right.

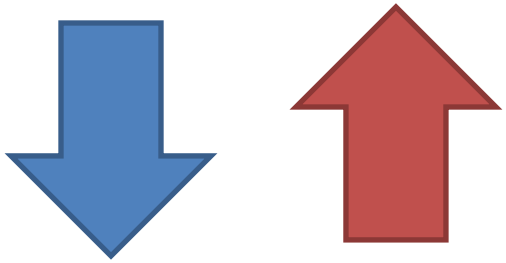


8.G.1

Exit Slip

Name: _____ Date: _____

Rotate the given figure 180 degrees and be sure to identify your center of rotation

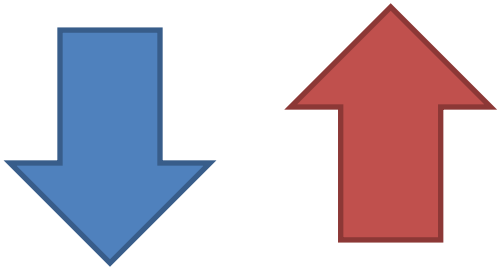


3.G.1

Exit Slip

Name: _____ Date: _____

Rotate the given figure 180 degrees and be sure to identify your center of rotation

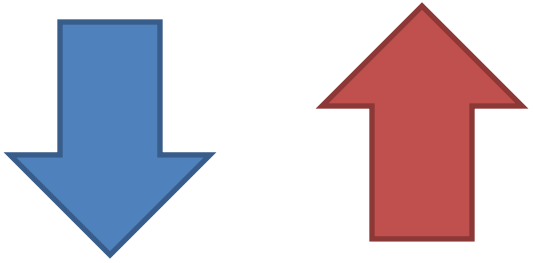


3.G.1

Exit Slip

Name: _____ Date: _____

Rotate the given figure 180 degrees and be sure to identify your center of rotation

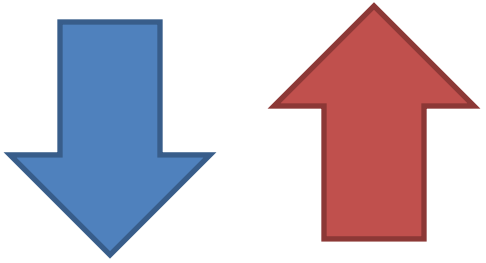


3.G.1

Exit Slip

Name: _____ Date: _____

Rotate the given figure 180 degrees and be sure to identify your center of rotation



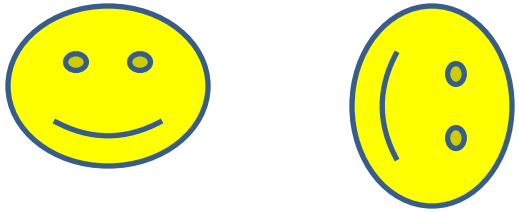
3.G.1

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

Rotation



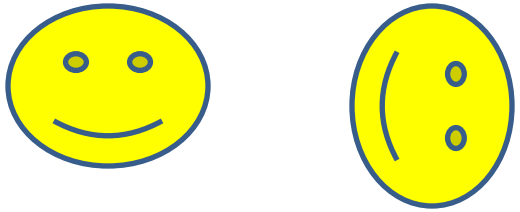
8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

Rotation



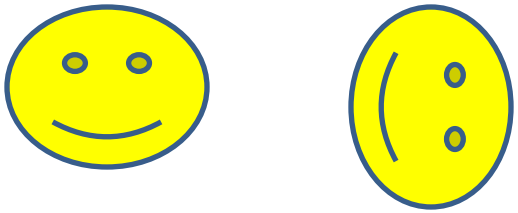
8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

Rotation



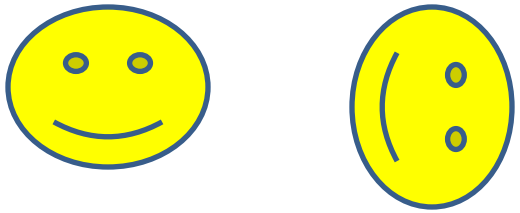
8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

Rotation



8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

Translation

8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

Translation

8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

Translation

8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

Translation

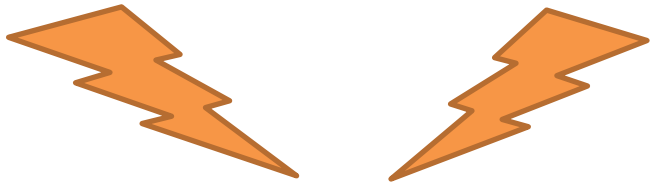
8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

Reflection



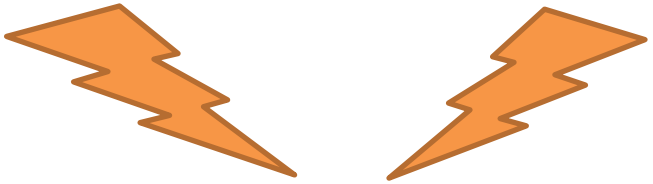
8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

Reflection



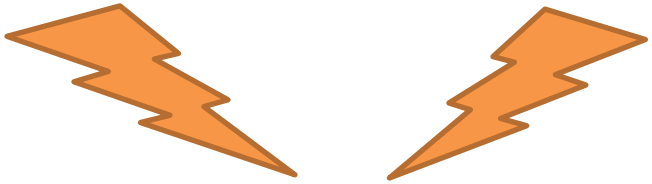
8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

Reflection



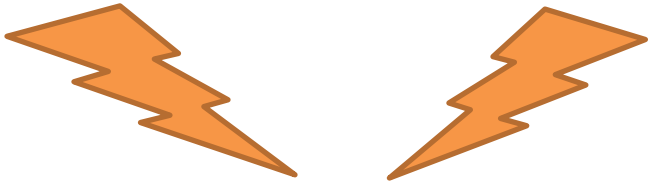
8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

Reflection

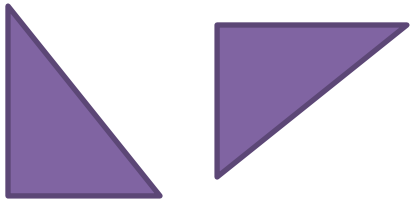


8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.



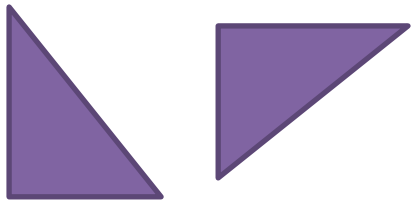
Rotation

8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.



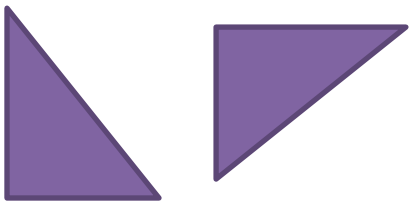
Rotation

8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.



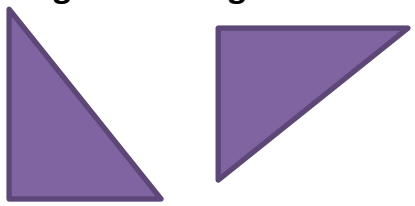
Rotation

8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.



Rotation

8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.

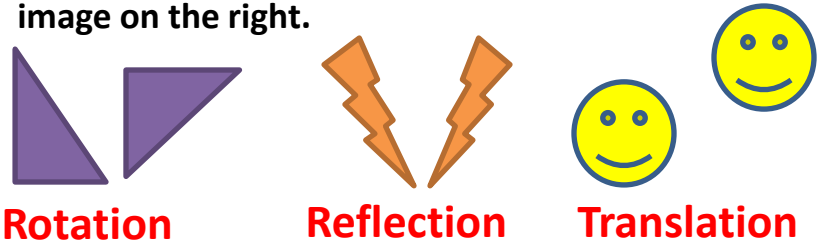
Rotation Reflection Translation

8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.



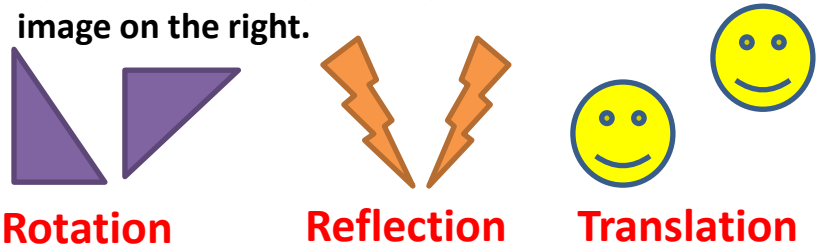
Rotation Reflection Translation

8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.



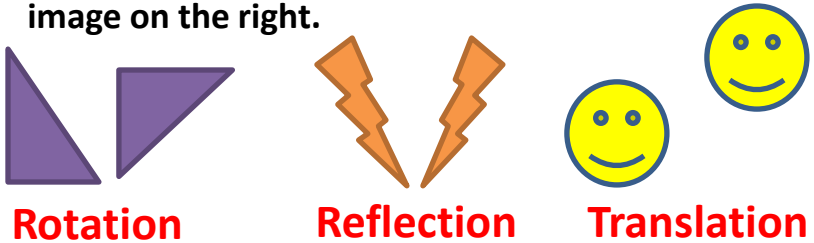
Rotation Reflection Translation

8.G.2

Exit Slip

Name: _____ Date: _____

Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.



Rotation Reflection Translation

8.G.2

Exit Slip

Name: _____ Date: _____

State if the following statements are true or false.

T 1. A two dimensional figure is congruent to another if it is obtained through translations, rotations, or reflections.

F 2. Translations turn an object.

T 3. Reflections flip an object

8.G.2

Exit Slip

Name: _____ Date: _____

State if the following statements are true or false.

T 1. A two dimensional figure is congruent to another if it is obtained through translations, rotations, or reflections.

F 2. Translations turn an object.

T 3. Reflections flip an object

8.G.2

Exit Slip

Name: _____ Date: _____

State if the following statements are true or false.

T 1. A two dimensional figure is congruent to another if it is obtained through translations, rotations, or reflections.

F 2. Translations turn an object.

T 3. Reflections flip an object

8.G.2

Exit Slip

Name: _____ Date: _____

State if the following statements are true or false.

T 1. A two dimensional figure is congruent to another if it is obtained through translations, rotations, or reflections.

F 2. Translations turn an object.

T 3. Reflections flip an object

8.G.2

Exit Slip

Name: _____ Date: _____

What does it mean for a two dimensional figure to be congruent to another two dimensional figure?

Answers will vary

8.G.2

Exit Slip

Name: _____ Date: _____

What does it mean for a two dimensional figure to be congruent to another two dimensional figure?

Answers will vary

8.G.2

Exit Slip

Name: _____ Date: _____

What does it mean for a two dimensional figure to be congruent to another two dimensional figure?

Answers will vary

8.G.2

Exit Slip

Name: _____ Date: _____

What does it mean for a two dimensional figure to be congruent to another two dimensional figure?

Answers will vary

8.G.2

Exit Slip

Name: _____ Date: _____

Give your own example of two dimensional figures that are congruent by a translation. Be sure to label your pre-image and image.

Answers will vary

8.G.2

Exit Slip

Name: _____ Date: _____

Give your own example of two dimensional figures that are congruent by a translation. Be sure to label your pre-image and image.

Answers will vary

8.G.2

Exit Slip

Name: _____ Date: _____

Give your own example of two dimensional figures that are congruent by a translation. Be sure to label your pre-image and image.

Answers will vary

8.G.2

Exit Slip

Name: _____ Date: _____

Give your own example of two dimensional figures that are congruent by a translation. Be sure to label your pre-image and image.

Answers will vary

8.G.2

Exit Slip

Name: _____ Date: _____

Give your own example of two dimensional figures that are congruent through either a translation, rotation or reflection. Be sure to label your pre-image and image.

Answers will vary

8.G.2

Exit Slip

Name: _____ Date: _____

Give your own example of two dimensional figures that are congruent through either a translation, rotation or reflection. Be sure to label your pre-image and image.

Answers will vary

8.G.2

Exit Slip

Name: _____ Date: _____

Give your own example of two dimensional figures that are congruent through either a translation, rotation or reflection. Be sure to label your pre-image and image.

Answers will vary

8.G.2

Exit Slip

Name: _____ Date: _____

Give your own example of two dimensional figures that are congruent through either a translation, rotation or reflection. Be sure to label your pre-image and image.

Answers will vary

8.G.2

Exit Slip

Name: _____ Date: _____

Find the image of (4, 3) REFLECTED across the y – axis.

A. (-4, 3) C. (4, 3)

B. (4, -3) D. (-4, -3)

Find the image of (-2, -3) REFLECTED across the x-axis

A. (2, 3) C. (-2, 3)

B. (2, -3) D. (-2, -3)

8.G.3

Exit Slip

Name: _____ Date: _____

Find the image of (4, 3) REFLECTED across the y – axis.

A. (-4, 3) C. (4, 3)

B. (4, -3) D. (-4, -3)

Find the image of (-2, -3) REFLECTED across the x-axis

A. (2, 3) C. (-2, 3)

B. (2, -3) D. (-2, -3)

8.G.3

Exit Slip

Name: _____ Date: _____

Find the image of (4, 3) REFLECTED across the y – axis.

A. (-4, 3) C. (4, 3)

B. (4, -3) D. (-4, -3)

Find the image of (-2, -3) REFLECTED across the x-axis

A. (2, 3) C. (-2, 3)

B. (2, -3) D. (-2, -3)

8.G.3

Exit Slip

Name: _____ Date: _____

Find the image of (4, 3) REFLECTED across the y – axis.

A. (-4, 3) C. (4, 3)

B. (4, -3) D. (-4, -3)

Find the image of (-2, -3) REFLECTED across the x-axis

A. (2, 3) C. (-2, 3)

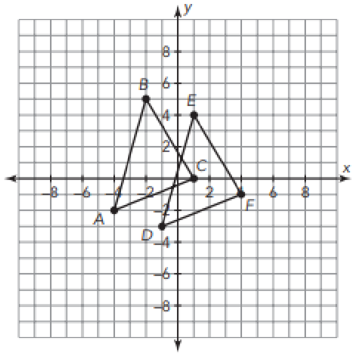
B. (2, -3) D. (-2, -3)

8.G.3

Exit Slip

Name: ______________________ Date: ______

Describe the transformation that was used to create $\triangle DEF$ from $\triangle ABC$



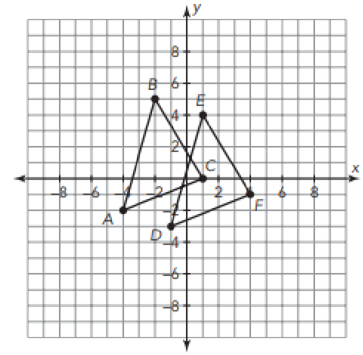
Translated 3 right and 1 down

8.G.3

Exit Slip

Name: ______________________ Date: ______

Describe the transformation that was used to create $\triangle DEF$ from $\triangle ABC$



Translated 3 right and 1 down

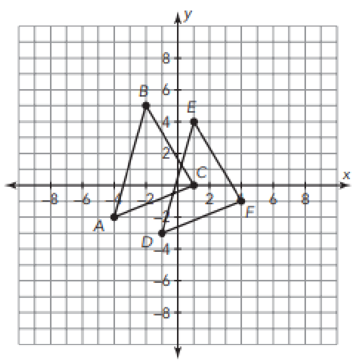
8.G.3

Exit Slip

Name: ______________________ Date: ______

Describe the transformation that was used to create $\triangle DEF$ from $\triangle ABC$

Translated 3 right and 1 down

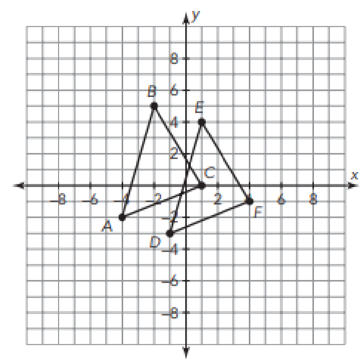


8.G.3

Exit Slip

Name: ______________________ Date: ______

Describe the transformation that was used to create $\triangle DEF$ from $\triangle ABC$



Translated 3 right and 1 down

8.G.3

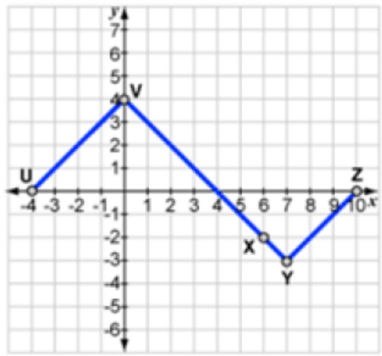
Exit Slip

Name: ______________________ Date: ______

If the figure shown were reflected over the x-axis, what would be the new coordinate of:

Point Y: (7, 3)

Point Z: (10, 0)



8.G.3

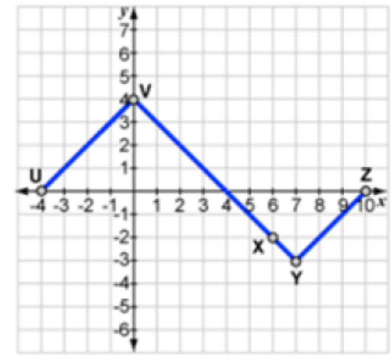
Exit Slip

Name: ______________________ Date: ______

If the figure shown were reflected over the x-axis, what would be the new coordinate of:

Point Y: (7, 3)

Point Z: (10, 0)



8.G.3

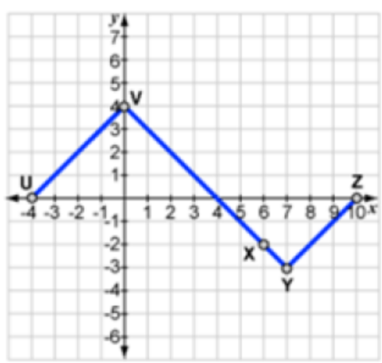
Exit Slip

Name: ______________________ Date: ______

If the figure shown were reflected over the x-axis, what would be the new coordinate of:

Point Y: (7, 3)

Point Z: (10, 0)



8.G.3

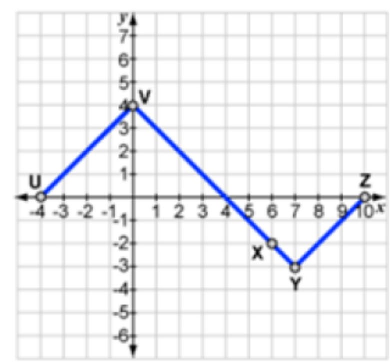
Exit Slip

Name: ______________________ Date: ______

If the figure shown were reflected over the x-axis, what would be the new coordinate of:

Point Y: (7, 3)

Point Z: (10, 0)



8.G.3

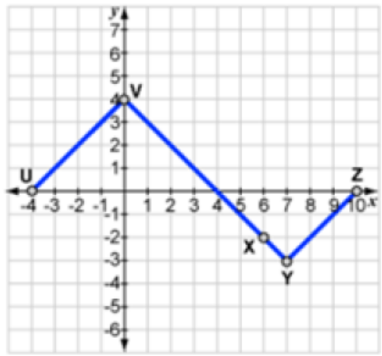
Exit Slip

Name: ______________________ Date: ______

If the figure shown were translated three right and six up, what would be the new coordinate of:

Point U: (-1, 6)

Point X: (9, 4)



8.G.3

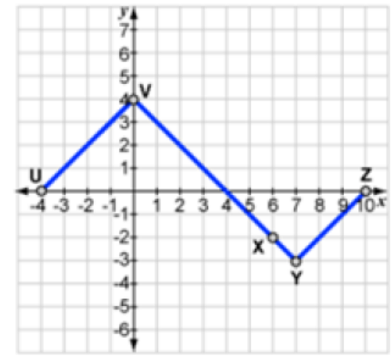
Exit Slip

Name: ______________________ Date: ______

If the figure shown were translated three right and six up, what would be the new coordinate of:

Point U: (-1, 6)

Point X: (9, 4)



8.G.3

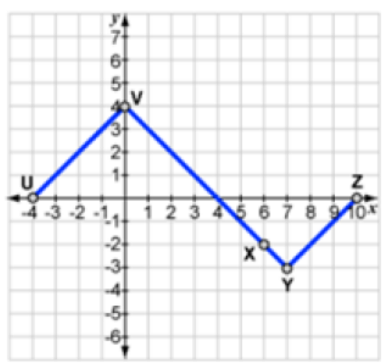
Exit Slip

Name: ______________________ Date: ______

If the figure shown were translated three right and six up, what would be the new coordinate of:

Point U: (-1, 6)

Point X: (9, 4)



8.G.3

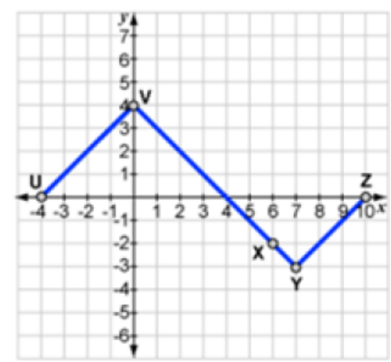
Exit Slip

Name: ______________________ Date: ______

If the figure shown were translated three right and six up, what would be the new coordinate of:

Point U: (-1, 6)

Point X: (9, 4)



8.G.3

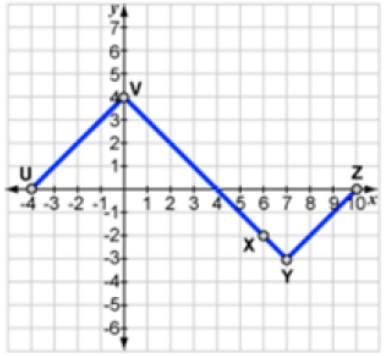
Exit Slip

Name: _____ **Date:** _____

If the figure shown were rotated three 90 degrees clockwise, what would be th new coordinate of:

Point V: (4, 0)

Point X: (-2, -6)



8.G.3

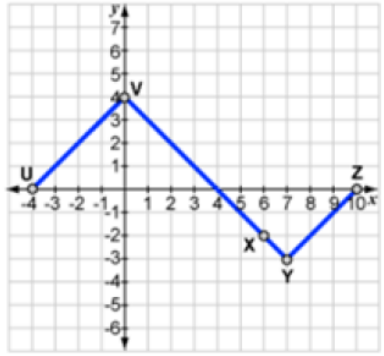
Exit Slip

Name: _____ **Date:** _____

If the figure shown were rotated three 90 degrees clockwise, what would be the new coordinate of:

Point V: (4, 0)

Point X: (-2, -6)



8.G.3

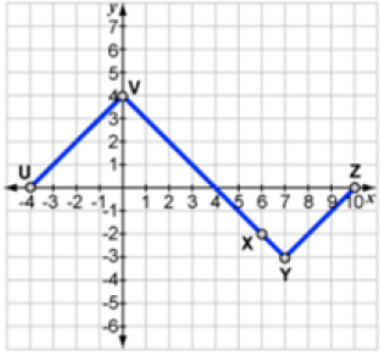
Exit Slip

Name: _____ **Date:** _____

If the figure shown were rotated three 90 degrees clockwise, what would be th new coordinate of:

Point V: (4, 0)

Point X: (-2, -6)



8.G.3

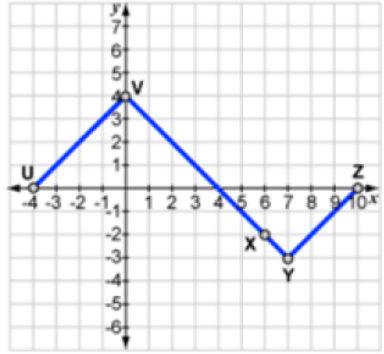
Exit Slip

Name: _____ **Date:** _____

If the figure shown were rotated three 90 degrees clockwise, what would be the new coordinate of:

Point V: (4, 0)

Point X: (-2, -6)



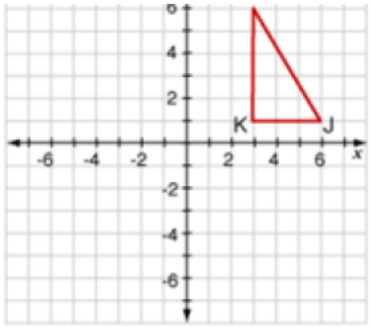
8.G.3

Exit Slip

Name: _____ **Date:** _____

Translate the following triangle 4 left and 5 down. Be sure to label the new image on the coordinate plane.

K (-1, -4)
J (2, -4)



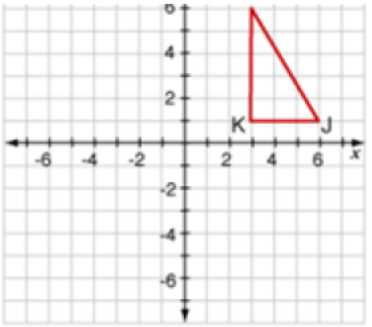
8.G.3

Exit Slip

Name: _____ **Date:** _____

Translate the following triangle 4 left and 5 down. Be sure to label the new image on the coordinate plane.

K (-1, -4)
J (2, -4)



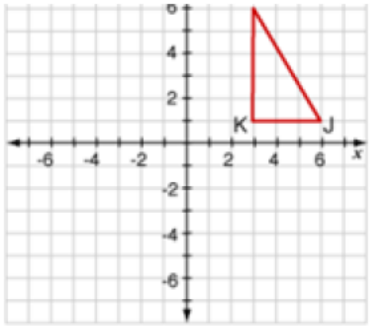
8.G.3

Exit Slip

Name: _____ **Date:** _____

Translate the following triangle 4 left and 5 down. Be sure to label the new image on the coordinate plane.

K (-1, -4)
J (2, -4)



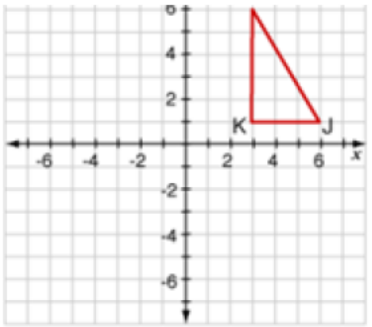
8.G.3

Exit Slip

Name: _____ **Date:** _____

Translate the following triangle 4 left and 5 down. Be sure to label the new image on the coordinate plane.

K (-1, -4)
J (2, -4)



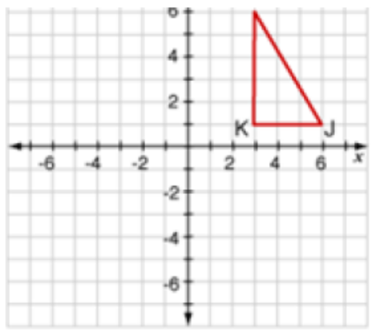
8.G.3

Exit Slip

Name: ______________________ Date: _______

Reflect the following triangle across the x axis. Be sure to label the new image on the coordinate plane.

K (3, -1)
J (6 -1)



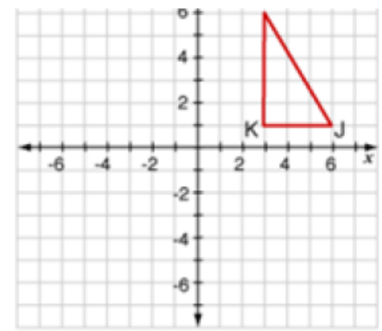
8.G.3

Exit Slip

Name: ______________________ Date: _______

Reflect the following triangle across the x axis. Be sure to label the new image on the coordinate plane.

K (3, -1)
J (6 -1)



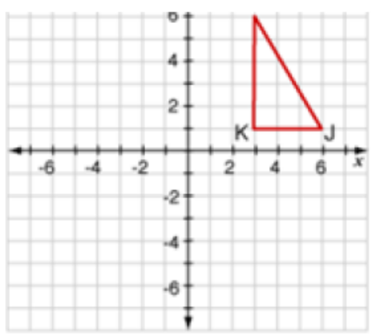
8.G.3

Exit Slip

Name: ______________________ Date: _______

Reflect the following triangle across the x axis. Be sure to label the new image on the coordinate plane.

K (3, -1)
J (6 -1)



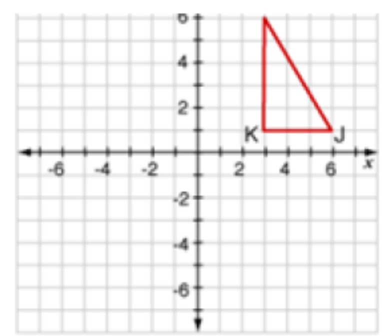
8.G.3

Exit Slip

Name: ______________________ Date: _______

Reflect the following triangle across the x axis. Be sure to label the new image on the coordinate plane.

K (3, -1)
J (6 -1)



8.G.3

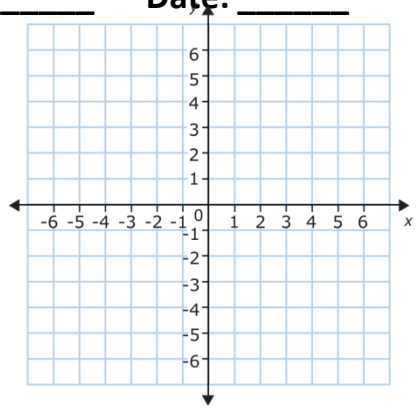
Exit Slip

Name: _____ **Date:** _____

Translate Square RSTU with vertices R(-2, 1), S(3, 4), T(6, -1), and U(1, -4)

(x, y) → (x – 4, y – 1)

R(-6, 0)
S(-1, 3)
T(2, -2)



8.G.3

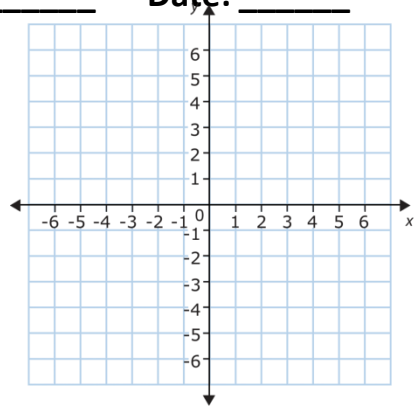
Exit Slip

Name: _____ **Date:** _____

Translate Square RSTU with vertices R(-2, 1), S(3, 4), T(6, -1), and U(1, -4)

(x, y) → (x – 4, y – 1)

R(-6, 0)
S(-1, 3)
T(2, -2)



8.G.3

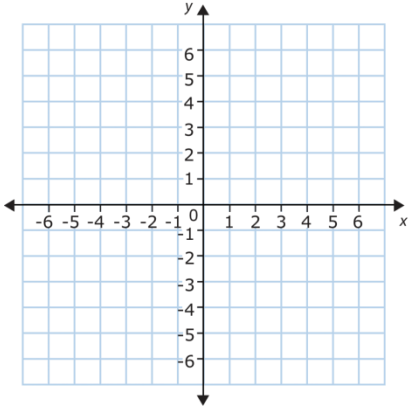
Exit Slip

Name: _____ **Date:** _____

Translate Square RSTU with vertices R(-2, 1), S(3, 4), T(6, -1), and U(1, -4)

(x, y) → (x – 4, y – 1)

R(-6, 0)
S(-1, 3)
T(2, -2)



8.G.3

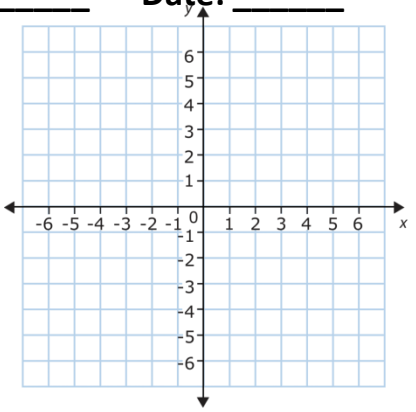
Exit Slip

Name: _____ **Date:** _____

Translate Square RSTU with vertices R(-2, 1), S(3, 4), T(6, -1), and U(1, -4)

(x, y) → (x – 4, y – 1)

R(-6, 0)
S(-1, 3)
T(2, -2)



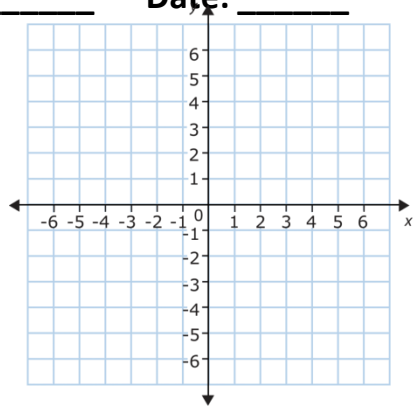
8.G.3

Exit Slip

Name: _____ **Date:** _____

Reflect Triangle ABC with vertices A(-3, 2), B(-1, 7), and C(6, 1): in the x axis

A(-3, -2)
B(-1, -7)
C(6, -1)



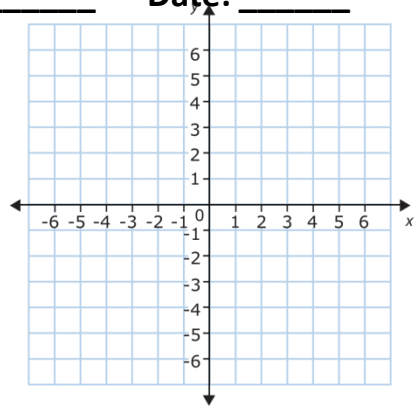
8.G.3

Exit Slip

Name: _____ **Date:** _____

Reflect Triangle ABC with vertices A(-3, 2), B(-1, 7), and C(6, 1): in the x axis

A(-3, -2)
B(-1, -7)
C(6, -1)



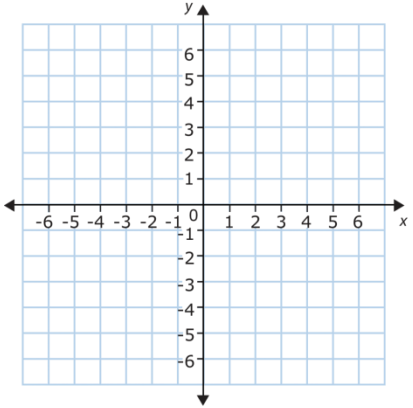
8.G.3

Exit Slip

Name: _____ **Date:** _____

Reflect Triangle ABC with vertices A(-3, 2), B(-1, 7), and C(6, 1): in the x axis

A(-3, -2)
B(-1, -7)
C(6, -1)



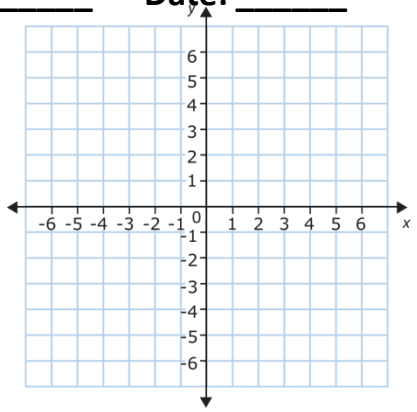
8.G.3

Exit Slip

Name: _____ **Date:** _____

Reflect Triangle ABC with vertices A(-3, 2), B(-1, 7), and C(6, 1): in the x axis

A(-3, -2)
B(-1, -7)
C(6, -1)



8.G.3

Exit Slip

Name: _____ Date: _____

Match each of the descriptions with the correct algebraic representation of the transformations:

B 1. Reflection over the x-axis	A. (-x, -y)
D 2. Rotation 90 degrees CC	B. (x, -y)
E 3. Translation 2 left and 2 up	C. (x+2, y – 2)
A 4. Rotation 180 degrees	D. (-y, x)
F 5. Reflection over the y-axis	E. (x-2, y+2)
C 6. Translation 2 right and 2 down	F. (-x, y)

8.G.3

Exit Slip

Name: _____ Date: _____

Match each of the descriptions with the correct algebraic representation of the transformations:

B 1. Reflection over the x-axis	A. (-x, -y)
D 2. Rotation 90 degrees CC	B. (x, -y)
E 3. Translation 2 left and 2 up	C. (x+2, y – 2)
A 4. Rotation 180 degrees	D. (-y, x)
F 5. Reflection over the y-axis	E. (x-2, y+2)
C 6. Translation 2 right and 2 down	F. (-x, y)

8.G.3

Exit Slip

Name: _____ Date: _____

Match each of the descriptions with the correct algebraic representation of the transformations:

B 1. Reflection over the x-axis	A. (-x, -y)
D 2. Rotation 90 degrees CC	B. (x, -y)
E 3. Translation 2 left and 2 up	C. (x+2, y – 2)
A 4. Rotation 180 degrees	D. (-y, x)
F 5. Reflection over the y-axis	E. (x-2, y+2)
C 6. Translation 2 right and 2 down	F. (-x, y)

8.G.3

Exit Slip

Name: _____ Date: _____

Match each of the descriptions with the correct algebraic representation of the transformations:

B 1. Reflection over the x-axis	A. (-x, -y)
D 2. Rotation 90 degrees CC	B. (x, -y)
E 3. Translation 2 left and 2 up	C. (x+2, y – 2)
A 4. Rotation 180 degrees	D. (-y, x)
F 5. Reflection over the y-axis	E. (x-2, y+2)
C 6. Translation 2 right and 2 down	F. (-x, y)

8.G.3

Exit Slip

Name: _____ Date: _____

Determine if the following statements are true or false. If the statement is false provide an example of why.

False 1. All similar figures are also congruent figures.

True 2. All congruent figures are also similar figures.

8.G.4

Exit Slip

Name: _____ Date: _____

Determine if the following statements are true or false. If the statement is false provide an example of why.

False 1. All similar figures are also congruent figures.

True 2. All congruent figures are also similar figures.

8.G.4

Exit Slip

Name: _____ Date: _____

Determine if the following statements are true or false. If the statement is false provide an example of why.

False 1. All similar figures are also congruent figures.

True 2. All congruent figures are also similar figures.

8.G.4

Exit Slip

Name: _____ Date: _____

Determine if the following statements are true or false. If the statement is false provide an example of why.

False 1. All similar figures are also congruent figures.

True 2. All congruent figures are also similar figures.

8.G.4

Exit Slip

Name: _____ Date: _____

Explain in your own words how you can tell if two figures are similar.

Answers will vary

8.G.4

Exit Slip

Name: _____ Date: _____

Explain in your own words how you can tell if two figures are similar.

Answers will vary

8.G.4

Exit Slip

Name: _____ Date: _____

Explain in your own words how you can tell if two figures are similar.

Answers will vary

8.G.4

Exit Slip

Name: _____ Date: _____

Explain in your own words how you can tell if two figures are similar.

Answers will vary

8.G.4

Exit Slip

Name: _____ Date: _____

Explain how you know if the figure will be an enlargement or a reduction when dilating.

Answers will vary

8.G.4

Exit Slip

Name: _____ Date: _____

Explain how you know if the figure will be an enlargement or a reduction when dilating.

Answers will vary

8.G.4

Exit Slip

Name: _____ Date: _____

Explain how you know if the figure will be an enlargement or a reduction when dilating.

Answers will vary

8.G.4

Exit Slip

Name: _____ Date: _____

Explain how you know if the figure will be an enlargement or a reduction when dilating.

Answers will vary

8.G.4

Exit Slip

Name: _____ Date: _____

Determine if the following scale factors would be an enlargement or a reduction.

1. __E__ $Scale\ Factor: 4$
2. __R__ $Scale\ Factor: \frac{1}{3}$
3. __R__ $Scale\ Factor: 0.35$
4. __E__ $Scale\ Factor \frac{11}{4}$
5. __E__ $Scale\ Factor: 3.7$

8.G.4

Exit Slip

Name: _____ Date: _____

Determine if the following scale factors would be an enlargement or a reduction.

1. __E__ $Scale\ Factor: 4$
2. __R__ $Scale\ Factor: \frac{1}{3}$
3. __R__ $Scale\ Factor: 0.35$
4. __E__ $Scale\ Factor \frac{11}{4}$
5. __E__ $Scale\ Factor: 3.7$

8.G.4

Exit Slip

Name: _____ Date: _____

Determine if the following scale factors would be an enlargement or a reduction.

1. __E__ $Scale\ Factor: 4$
2. __R__ $Scale\ Factor: \frac{1}{3}$
3. __R__ $Scale\ Factor: 0.35$
4. __E__ $Scale\ Factor \frac{11}{4}$
5. __E__ $Scale\ Factor: 3.7$

8.G.4

Exit Slip

Name: _____ Date: _____

Determine if the following scale factors would be an enlargement or a reduction.

1. __E__ $Scale\ Factor: 4$
2. __R__ $Scale\ Factor: \frac{1}{3}$
3. __R__ $Scale\ Factor: 0.35$
4. __E__ $Scale\ Factor \frac{11}{4}$
5. __E__ $Scale\ Factor: 3.7$

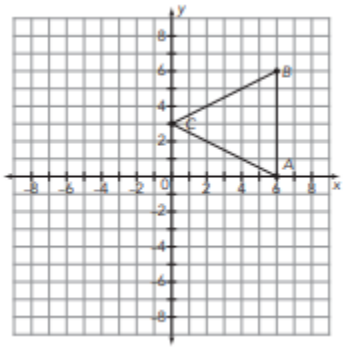
8.G.4

Exit Slip

Name: _____ Date: _____

Dilate the following triangle by a scale factor of 1.5 with the center of dilation being the origin.

A(9, 0)
B(9, 9)
C(0, 4.5)



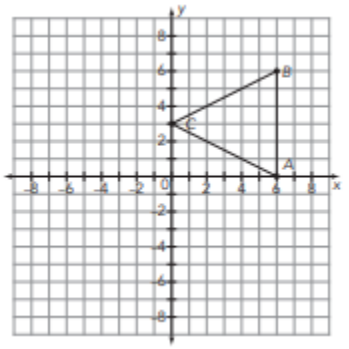
8.G.4

Exit Slip

Name: _____ Date: _____

Dilate the following triangle by a scale factor of 1.5 with the center of dilation being the origin.

A(9, 0)
B(9, 9)
C(0, 4.5)



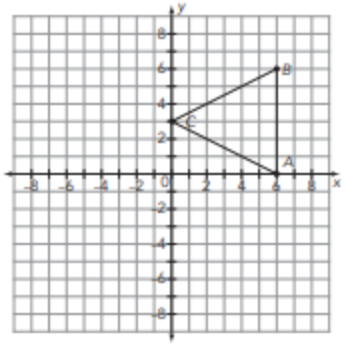
8.G.4

Exit Slip

Name: _____ Date: _____

Dilate the following triangle by a scale factor of 1.5 with the center of dilation being the origin.

A(9, 0)
B(9, 9)
C(0, 4.5)



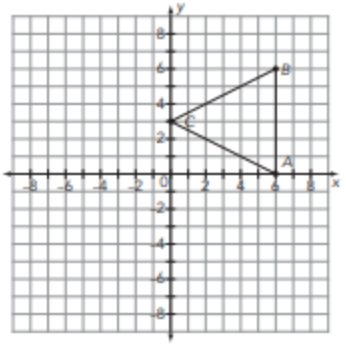
8.G.4

Exit Slip

Name: _____ Date: _____

Dilate the following triangle by a scale factor of 1.5 with the center of dilation being the origin.

A(9, 0)
B(9, 9)
C(0, 4.5)

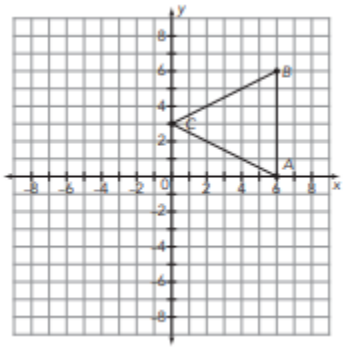


8.G.4

Exit Slip

Name: _____ Date: _____

Dilate the following triangle by a scale factor of $\frac{1}{4}$ with the center of dilation being the origin.



A(1.5, 0)
B(1.5, 1.5)
C(0, 0.75)

8.G.4

Exit Slip

Name: _____ Date: _____

Dilate the following triangle by a scale factor of $\frac{1}{4}$ with the center of dilation being the origin.

A(1.5, 0)
B(1.5, 1.5)
C(0, 0.75)

8.G.4

Dilate the following triangle by a scale factor of $\frac{1}{4}$ with the center of dilation being the origin.

Exit Slip

Name: _____ Date: _____

Dilate the following triangle by a scale factor of $\frac{1}{4}$ with the center of dilation being the origin.

A(1.5, 0)
B(1.5, 1.5)
C(0, 0.75)

8.G.4

Dilate the following triangle by a scale factor of $\frac{1}{4}$ with the center of dilation being the origin.

Exit Slip

Name: _____ Date: _____

Dilate the following triangle by a scale factor of $\frac{1}{4}$ with the center of dilation being the origin.

A(1.5, 0)
B(1.5, 1.5)
C(0, 0.75)

8.G.4

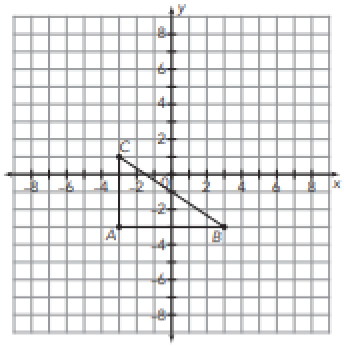
Dilate the following triangle by a scale factor of $\frac{1}{4}$ with the center of dilation being the origin.

Exit Slip

Name: ______________________ Date: _______

Dilate the following triangle by a scale factor of 2 with the center of dilation being (3, 3).

A(-9, -9)
B(3, -9)
C(-9, -1)



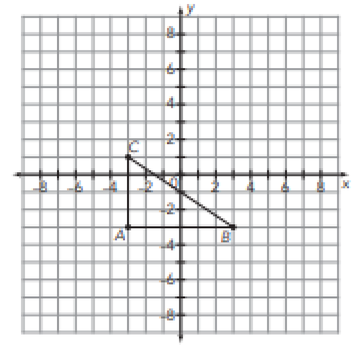
8.G.4

Exit Slip

Name: ______________________ Date: _______

Dilate the following triangle by a scale factor of 2 with the center of dilation being (3, 3).

A(-9, -9)
B(3, -9)
C(-9, -1)



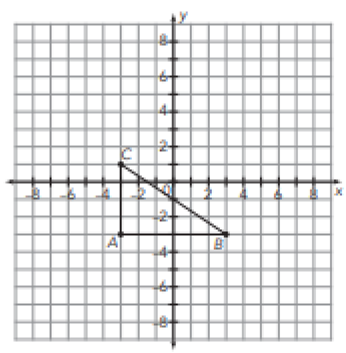
8.G.4

Exit Slip

Name: ______________________ Date: _______

Dilate the following triangle by a scale factor of 2 with the center of dilation being (3, 3).

A(-9, -9)
B(3, -9)
C(-9, -1)



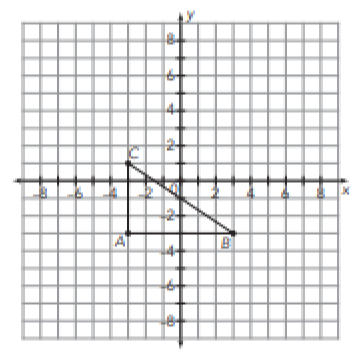
8.G.4

Exit Slip

Name: ______________________ Date: _______

Dilate the following triangle by a scale factor of 2 with the center of dilation being (3, 3).

A(-9, -9)
B(3, -9)
C(-9, -1)

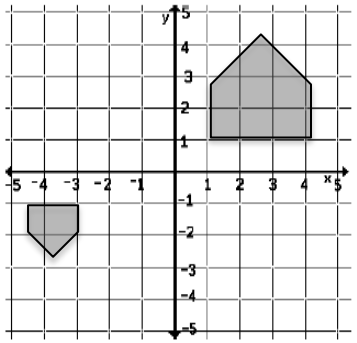


8.G.4

Exit Slip

Name: _____ Date: _____

Explain how the two shapes are similar using a sequence of transformations. There is more than one correct answer!



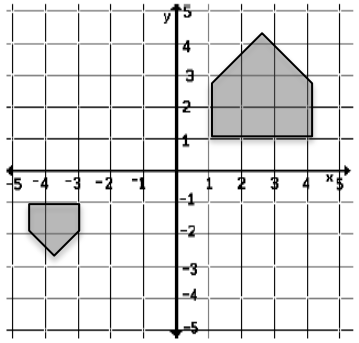
Answers will vary

8.G.4

Exit Slip

Name: _____ Date: _____

Explain how the two shapes are similar using a sequence of transformations. There is more than one correct answer!



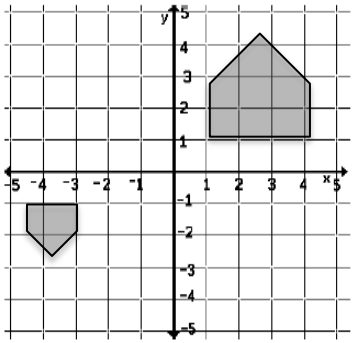
Answers will vary

8.G.4

Exit Slip

Name: _____ Date: _____

Explain how the two shapes are similar using a sequence of transformations. There is more than one correct answer!



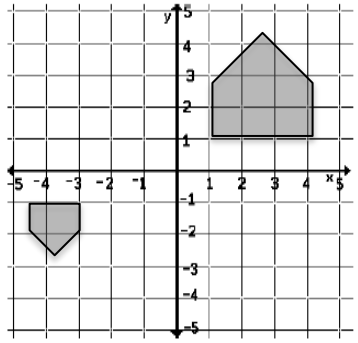
Answers will vary

8.G.4

Exit Slip

Name: _____ Date: _____

Explain how the two shapes are similar using a sequence of transformations. There is more than one correct answer!



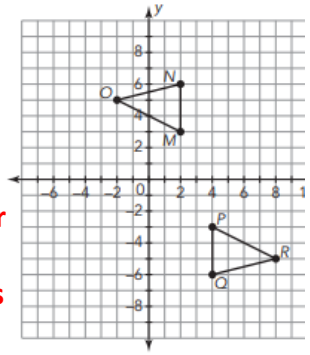
Answers will vary

8.G.4

Exit Slip

Name: _____ Date: _____

Determine if the following triangles are similar and/or congruent. Explain your answer.



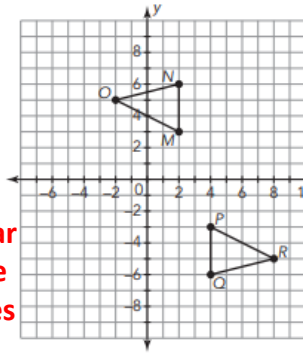
The triangles are similar and congruent because the corresponding sides are congruent

8.G.4

Exit Slip

Name: _____ Date: _____

Determine if the following triangles are similar and/or congruent. Explain your answer.



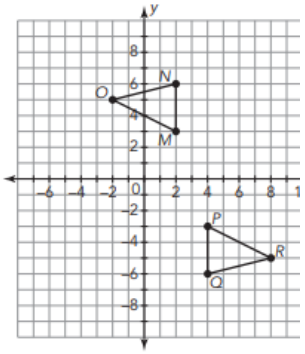
The triangles are similar and congruent because the corresponding sides are congruent

8.G.4

Exit Slip

Name: _____ Date: _____

Determine if the following triangles are similar and/or congruent. Explain your answer.



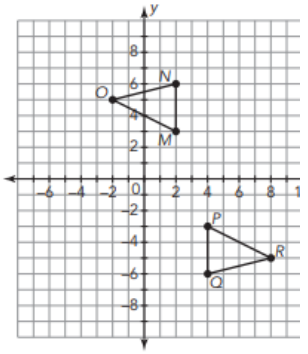
The triangles are similar and congruent because the corresponding sides are congruent

8.G.4

Exit Slip

Name: _____ Date: _____

Determine if the following triangles are similar and/or congruent. Explain your answer.



The triangles are similar and congruent because the corresponding sides are congruent

8.G.4

Exit Slip

Name: _____ Date: _____

If $\triangle ABC$ is similar to $\triangle ICE$. Identify the following corresponding:

Sides: AB – IC BC – CE AB – IE

Angles: A – I B – C C - E

8.G.4

Exit Slip

Name: _____ Date: _____

If $\triangle ABC$ is similar to $\triangle ICE$. Identify the following corresponding:

Sides: AB – IC BC – CE AB – IE

Angles: A – I B – C C - E

8.G.4

Exit Slip

Name: _____ Date: _____

If $\triangle ABC$ is similar to $\triangle ICE$. Identify the following corresponding:

Sides: AB – IC BC – CE AB – IE

Angles: A – I B – C C - E

8.G.4

Exit Slip

Name: _____ Date: _____

If $\triangle ABC$ is similar to $\triangle ICE$. Identify the following corresponding:

Sides: AB – IC BC – CE AB – IE

Angles: A – I B – C C - E

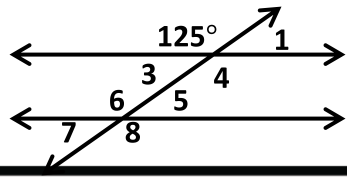
8.G.4

Exit Slip

Name: ______________________ Date: _______

True or False?

__T__ 1. Angles 1 and 3 are vertical angles
__F__ 2. The value of angle 7 is 125 degrees
__F__ 3. Angles 1 and 6 are alternate interior angles
__T__ 4. Angles 3 and 5 are alternate interior angles
__T__ 5. Angles 4 and 8 are corresponding angles.



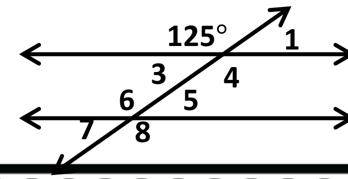
8.G.5

Exit Slip

Name: ______________________ Date: _______

True or False?

__T__ 1. Angles 1 and 3 are vertical angles
__F__ 2. The value of angle 7 is 125 degrees
__F__ 3. Angles 1 and 6 are alternate interior angles
__T__ 4. Angles 3 and 5 are alternate interior angles
__T__ 5. Angles 4 and 8 are corresponding angles.



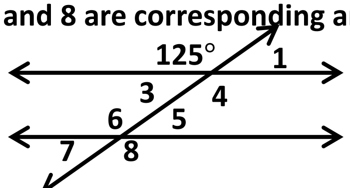
8.G.5

Exit Slip

Name: ______________________ Date: _______

True or False?

__T__ 1. Angles 1 and 3 are vertical angles
__F__ 2. The value of angle 7 is 125 degrees
__F__ 3. Angles 1 and 6 are alternate interior angles
__T__ 4. Angles 3 and 5 are alternate interior angles
__T__ 5. Angles 4 and 8 are corresponding angles.



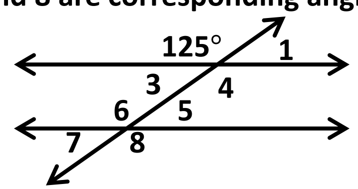
8.G.5

Exit Slip

Name: ______________________ Date: _______

True or False?

__T__ 1. Angles 1 and 3 are vertical angles
__F__ 2. The value of angle 7 is 125 degrees
__F__ 3. Angles 1 and 6 are alternate interior angles
__T__ 4. Angles 3 and 5 are alternate interior angles
__T__ 5. Angles 4 and 8 are corresponding angles.



8.G.5

Exit Slip

Name: ______________________ Date: _______

True or False?

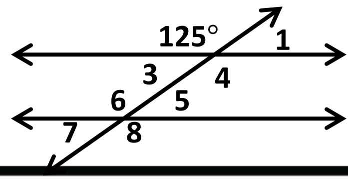
__T__ 1. The value of angle 5 is 55 degrees

__F__ 2. Angles 1 and 7 are alternate interior angles.

__F__ 3. Angles 6 and 8 are corresponding angles.

__T__ 4. Angles 1 and 6 are supplementary angles.

__F__ 5. Angles 4 and 8 are supplementary angles.



8.G.5

Exit Slip

Name: ______________________ Date: _______

True or False?

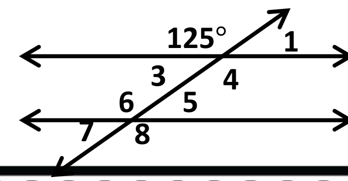
__T__ 1. The value of angle 5 is 55 degrees

__F__ 2. Angles 1 and 7 are alternate interior angles.

__F__ 3. Angles 6 and 8 are corresponding angles.

__T__ 4. Angles 1 and 6 are supplementary angles.

__F__ 5. Angles 4 and 8 are supplementary angles.



8.G.5

Exit Slip

Name: ______________________ Date: _______

True or False?

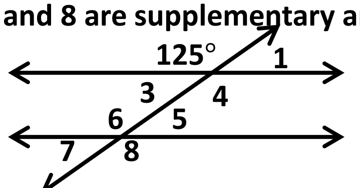
__T__ 1. The value of angle 5 is 55 degrees

__F__ 2. Angles 1 and 7 are alternate interior angles.

__F__ 3. Angles 6 and 8 are corresponding angles.

__T__ 4. Angles 1 and 6 are supplementary angles.

__F__ 5. Angles 4 and 8 are supplementary angles.



8.G.5

Exit Slip

Name: ______________________ Date: _______

True or False?

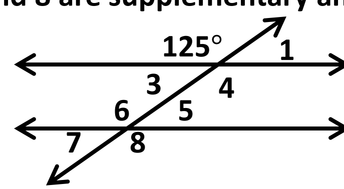
__T__ 1. The value of angle 5 is 55 degrees

__F__ 2. Angles 1 and 7 are alternate interior angles.

__F__ 3. Angles 6 and 8 are corresponding angles.

__T__ 4. Angles 1 and 6 are supplementary angles.

__F__ 5. Angles 4 and 8 are supplementary angles.

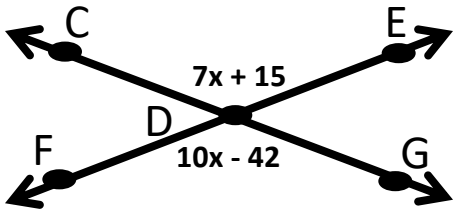


8.G.5

Exit Slip

Name: _____ Date: _____

Find the $m\angle CDE$



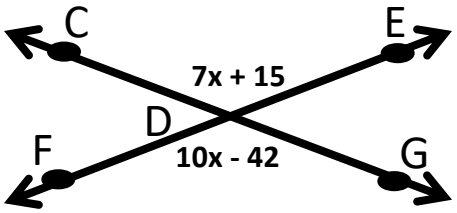
148 degrees

8.G.5

Exit Slip

Name: _____ Date: _____

Find the $m\angle CDE$



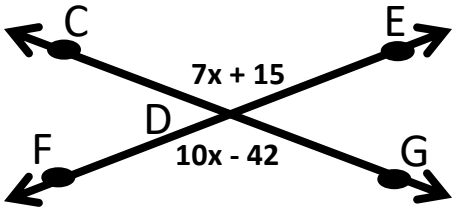
148 degrees

8.G.5

Exit Slip

Name: _____ Date: _____

Find the $m\angle CDE$



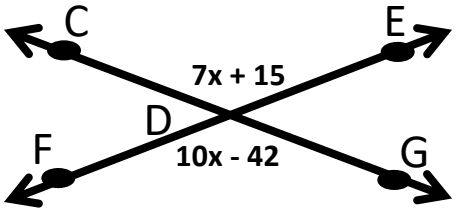
148 degrees

8.G.5

Exit Slip

Name: _____ Date: _____

Find the $m\angle CDE$



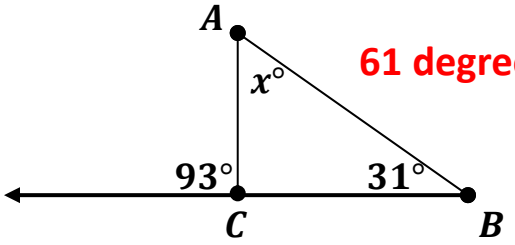
148 degrees

8.G.5

Exit Slip

Name: _____ Date: _____

Use the exterior angle theorem to find the unknown angle measure.



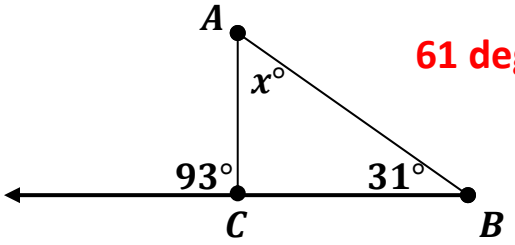
61 degrees

8.G.5

Exit Slip

Name: _____ Date: _____

Use the exterior angle theorem to find the unknown angle measure.



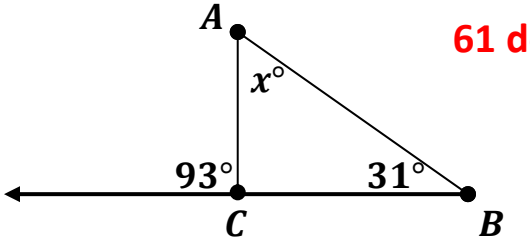
61 degrees

8.G.5

Exit Slip

Name: _____ Date: _____

Use the exterior angle theorem to find the unknown angle measure.



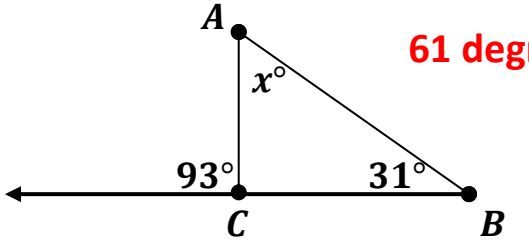
61 degrees

8.G.5

Exit Slip

Name: _____ Date: _____

Use the exterior angle theorem to find the unknown angle measure.



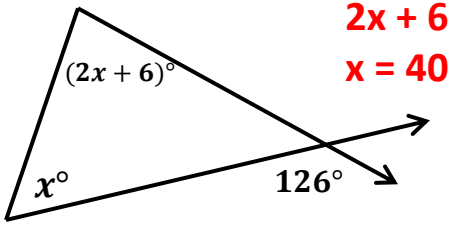
61 degrees

8.G.5

Exit Slip

Name: _____ Date: _____

Write an equation and solve for x.



2x + 6 + x + 54 = 180

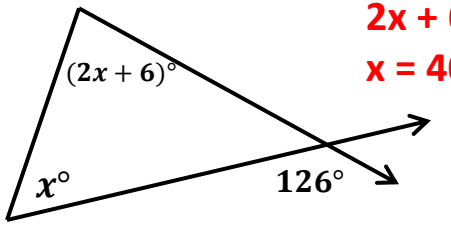
x = 40

8.G.5

Exit Slip

Name: _____ Date: _____

Write an equation and solve for x.



2x + 6 + x + 54 = 180

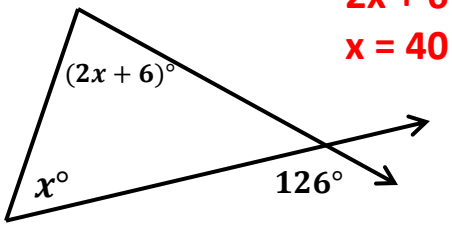
x = 40

8.G.5

Exit Slip

Name: _____ Date: _____

Write an equation and solve for x.



2x + 6 + x + 54 = 180

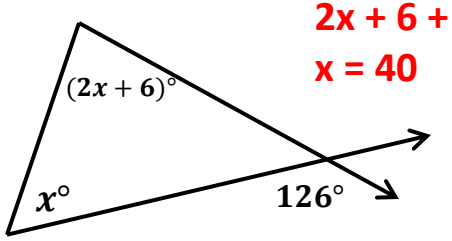
x = 40

8.G.5

Exit Slip

Name: _____ Date: _____

Write an equation and solve for x.



2x + 6 + x + 54 = 180

x = 40

8.G.5

Exit Slip

Name: _____ Date: _____

Fill in the blanks with the correct vocabulary term:

1. The Triangle Sum Theorem states that the sum of the measures of the interior angles of a triangle is 180 degrees.

2. The Exterior Angle Theorem states that the measure of an exterior angle of a triangle is equal to the sum of the measures of the remote interior angles of the triangle.

8.G.5

Exit Slip

Name: _____ Date: _____

Fill in the blanks with the correct vocabulary term:

1. The Triangle Sum Theorem states that the sum of the measures of the interior angles of a triangle is 180 degrees.

2. The Exterior Angle Theorem states that the measure of an exterior angle of a triangle is equal to the sum of the measures of the remote interior angles of the triangle.

8.G.5

Exit Slip

Name: _____ Date: _____

Fill in the blanks with the correct vocabulary term:

1. The Triangle Sum Theorem states that the sum of the measures of the interior angles of a triangle is 180 degrees.

2. The Exterior Angle Theorem states that the measure of an exterior angle of a triangle is equal to the sum of the measures of the remote interior angles of the triangle.

8.G.5

Exit Slip

Name: _____ Date: _____

Fill in the blanks with the correct vocabulary term:

1. The Triangle Sum Theorem states that the sum of the measures of the interior angles of a triangle is 180 degrees.

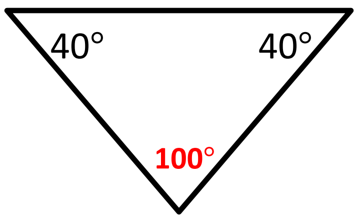
2. The Exterior Angle Theorem states that the measure of an exterior angle of a triangle is equal to the sum of the measures of the remote interior angles of the triangle.

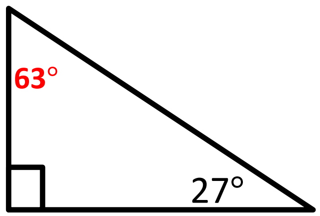
8.G.5

Exit Slip

Name: ______________________ **Date:** ______

Determine the measure of the unknown angle in each triangle.



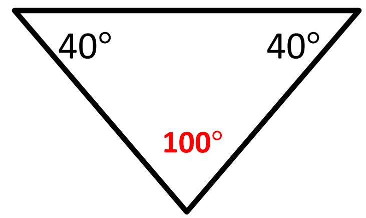


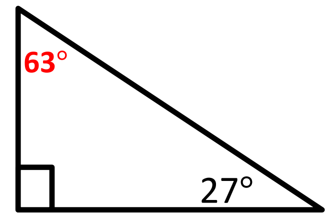
8.G.5

Exit Slip

Name: ______________________ **Date:** ______

Determine the measure of the unknown angle in each triangle.



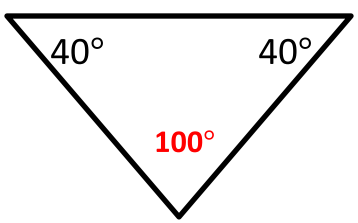


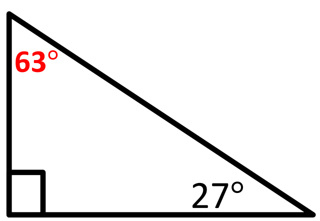
8.G.5

Exit Slip

Name: ______________________ **Date:** ______

Determine the measure of the unknown angle in each triangle.



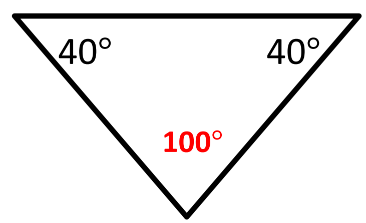


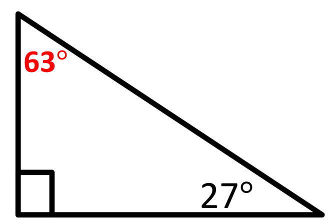
8.G.5

Exit Slip

Name: ______________________ **Date:** ______

Determine the measure of the unknown angle in each triangle.



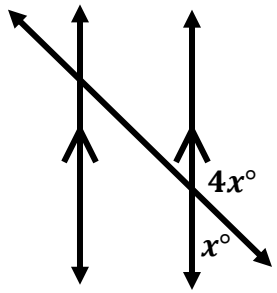


8.G.5

Exit Slip

Name: _____ Date: _____

Determine the measure of all the unknown angles.



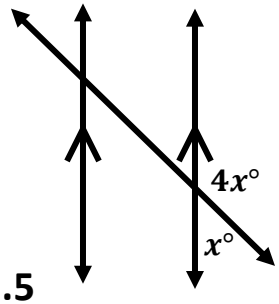
36 degrees
144 degrees

8.G.5

Exit Slip

Name: _____ Date: _____

Determine the measure of all the unknown angles.



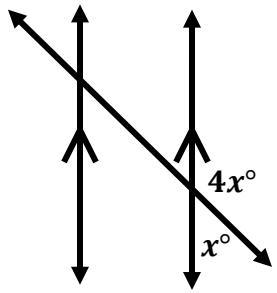
36 degrees
144 degrees

8.G.5

Exit Slip

Name: _____ Date: _____

Determine the measure of all the unknown angles.



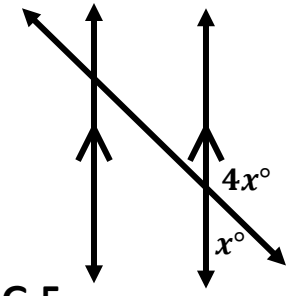
36 degrees
144 degrees

8.G.5

Exit Slip

Name: _____ Date: _____

Determine the measure of all the unknown angles.



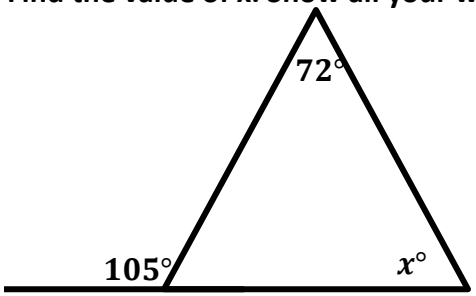
36 degrees
144 degrees

8.G.5

Exit Slip

Name: _____ Date: _____

Find the value of x. Show all your work



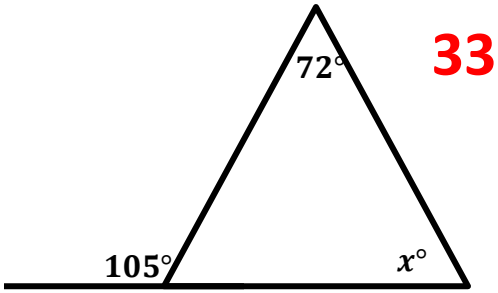
33 degrees

8.G.5

Exit Slip

Name: _____ Date: _____

Find the value of x. Show all your work



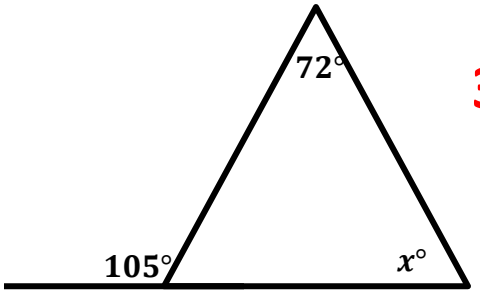
33 degrees

8.G.5

Exit Slip

Name: _____ Date: _____

Find the value of x. Show all your work



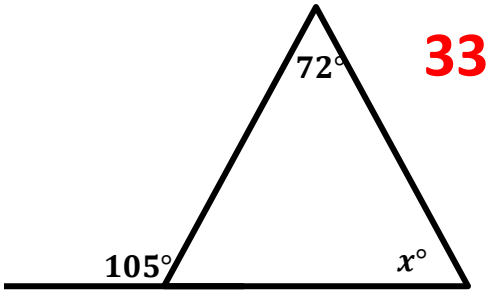
33 degrees

8.G.5

Exit Slip

Name: _____ Date: _____

Find the value of x. Show all your work



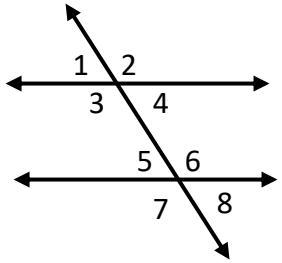
33 degrees

8.G.5

Exit Slip

Name: _____ **Date:** _____

If $\angle 1$ is 73°. Find the measure of all the other unknown angles.



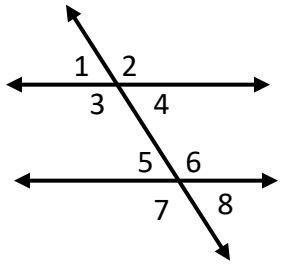
1, 4, 5, and 8 – 73
2, 3, 6, and 7- 107

8.G.5

Exit Slip

Name: _____ **Date:** _____

If $\angle 1$ is 73°. Find the measure of all the other unknown angles.



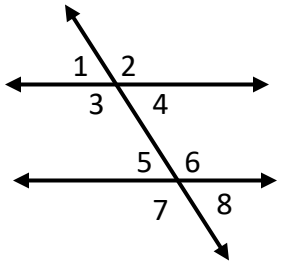
1, 4, 5, and 8 – 73
2, 3, 6, and 7- 107

8.G.5

Exit Slip

Name: _____ **Date:** _____

If $\angle 1$ is 73°. Find the measure of all the other unknown angles.



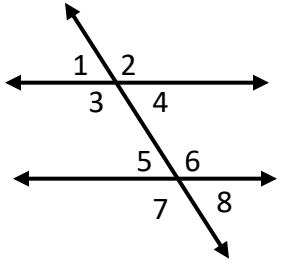
1, 4, 5, and 8 – 73
2, 3, 6, and 7- 107

8.G.5

Exit Slip

Name: _____ **Date:** _____

If $\angle 1$ is 73°. Find the measure of all the other unknown angles.



1, 4, 5, and 8 – 73
2, 3, 6, and 7- 107

8.G.5

Exit Slip

Name: _____ Date: _____

Explain in your own words what the Converse of the Pythagorean Theorem is.

Answers will vary

8.G.6

Exit Slip

Name: _____ Date: _____

Explain in your own words what the Converse of the Pythagorean Theorem is.

Answers will vary

8.G.6

Exit Slip

Name: _____ Date: _____

Explain in your own words what the Converse of the Pythagorean Theorem is.

Answers will vary

8.G.6

Exit Slip

Name: _____ Date: _____

Explain in your own words what the Converse of the Pythagorean Theorem is.

Answers will vary

8.G.6

Exit Slip

Name: _____ Date: _____

Explain in your own words what a Pythagorean Triple is and what it means.

Answers will vary

8.G.6

Exit Slip

Name: _____ Date: _____

Explain in your own words what a Pythagorean Triple is and what it means.

Answers will vary

8.G.6

Exit Slip

Name: _____ Date: _____

Explain in your own words what a Pythagorean Triple is and what it means.

Answers will vary

8.G.6

Exit Slip

Name: _____ Date: _____

Explain in your own words what a Pythagorean Triple is and what it means.

Answers will vary

8.G.6

Exit Slip

Name: _____ Date: _____

Fill in the blank:
The Converse of the Pythagorean Theorem is used to determine if triangles are _____ triangles.

right

8.G.6

Exit Slip

Name: _____ Date: _____

Fill in the blank:
The Converse of the Pythagorean Theorem is used to determine if triangles are _____ triangles.

right

8.G.6

Exit Slip

Name: _____ Date: _____

Fill in the blank:
The Converse of the Pythagorean Theorem is used to determine if triangles are _____ triangles.

right

8.G.6

Exit Slip

Name: _____ Date: _____

Fill in the blank:
The Converse of the Pythagorean Theorem is used to determine if triangles are _____ triangles.

right

8.G.6

Exit Slip

Name: _____ Date: _____

Does a non right triangle have a hypotenuse? Explain your answer.

Answers will vary

8.G.6

Exit Slip

Name: _____ Date: _____

Does a non right triangle have a hypotenuse? Explain your answer.

Answers will vary

8.G.6

Exit Slip

Name: _____ Date: _____

Does a non right triangle have a hypotenuse? Explain your answer.

Answers will vary

8.G.6

Exit Slip

Name: _____ Date: _____

Does a non right triangle have a hypotenuse? Explain your answer.

Answers will vary

8.G.6

Exit Slip

Name: _____ Date: _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 11, 11, 15 Not a right triangle

B) 6, 8, 10 Right Triangle

8.G.6

Exit Slip

Name: _____ Date: _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 11, 11, 15 Not a right triangle

B) 6, 8, 10 Right Triangle

8.G.6

Exit Slip

Name: _____ Date: _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 11, 11, 15 Not a right triangle

B) 6, 8, 10 Right Triangle

8.G.6

Exit Slip

Name: _____ Date: _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 11, 11, 15 Not a right triangle

B) 6, 8, 10 Right Triangle

8.G.6

Exit Slip

Name: _____ Date: _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 3, 4, 5 Right Triangle

B) 9, 9, 13 Not a Right Triangle

8.G.6

Exit Slip

Name: _____ Date: _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 3, 4, 5 Right Triangle

B) 9, 9, 13 Not a Right Triangle

8.G.6

Exit Slip

Name: _____ Date: _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 3, 4, 5 Right Triangle

B) 9, 9, 13 Not a Right Triangle

8.G.6

Exit Slip

Name: _____ Date: _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 3, 4, 5 Right Triangle

B) 9, 9, 13 Not a Right Triangle

8.G.6

Exit Slip

Name: _____ Date: _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 7, 7, 7 Not a Right Triangle

B) 8, 10, 12 Not a Right Triangle

8.G.6

Exit Slip

Name: _____ Date: _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 7, 7, 7 Not a Right Triangle

B) 8, 10, 12 Not a Right Triangle

8.G.6

Exit Slip

Name: _____ Date: _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 7, 7, 7 Not a Right Triangle

B) 8, 10, 12 Not a Right Triangle

8.G.6

Exit Slip

Name: _____ Date: _____

Determine whether the triangle with the given side lengths is a right triangle.

A) 7, 7, 7 Not a Right Triangle

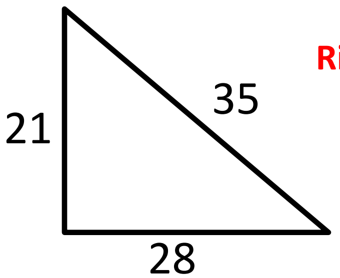
B) 8, 10, 12 Not a Right Triangle

8.G.6

Exit Slip

Name: ______________________ **Date:** _______

Determine whether the triangle with the given side lengths is a right triangle.



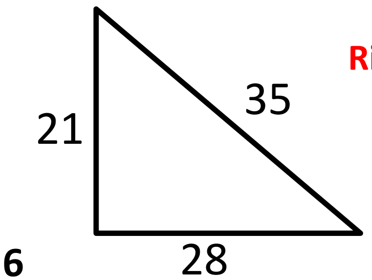
Right Triangle

8.G.6

Exit Slip

Name: ______________________ **Date:** _______

Determine whether the triangle with the given side lengths is a right triangle.



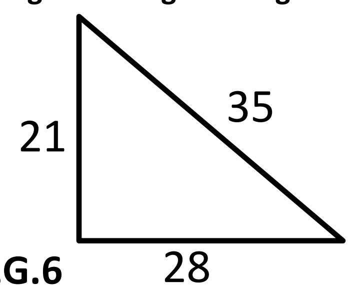
Right Triangle

8.G.6

Exit Slip

Name: ______________________ **Date:** _______

Determine whether the triangle with the given side lengths is a right triangle.



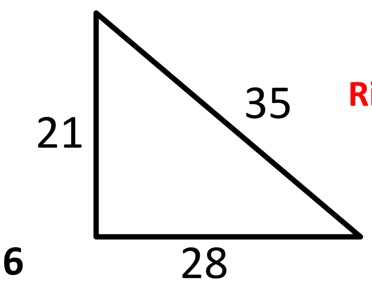
Right Triangle

8.G.6

Exit Slip

Name: ______________________ **Date:** _______

Determine whether the triangle with the given side lengths is a right triangle.



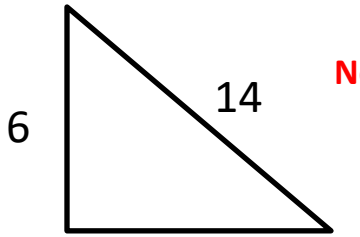
Right Triangle

8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.



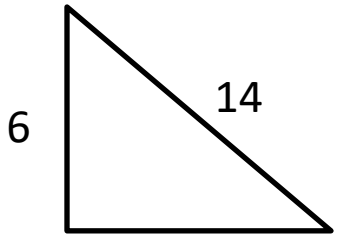
Not a Right Triangle

8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.



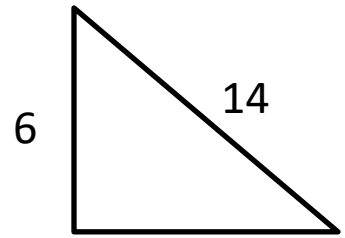
Not a Right Triangle

8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.



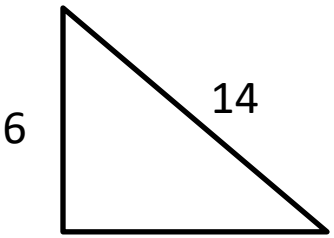
Not a Right Triangle

8.G.6

Exit Slip

Name: _____ **Date:** _____

Determine whether the triangle with the given side lengths is a right triangle.



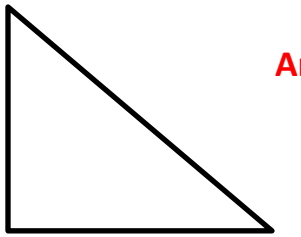
Not a Right Triangle

8.G.6

Exit Slip

Name: _____ Date: _____

Come up with three side lengths that would make the following triangle a right triangle.



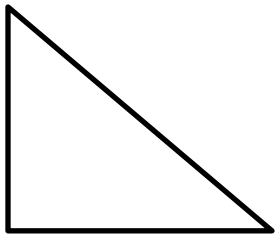
Answers will vary

8.G.6

Exit Slip

Name: _____ Date: _____

Come up with three side lengths that would make the following triangle a right triangle.



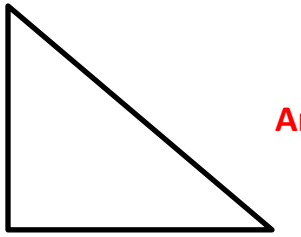
Answers will vary

8.G.6

Exit Slip

Name: _____ Date: _____

Come up with three side lengths that would make the following triangle a right triangle.



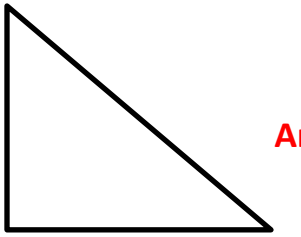
Answers will vary

8.G.6

Exit Slip

Name: _____ Date: _____

Come up with three side lengths that would make the following triangle a right triangle.



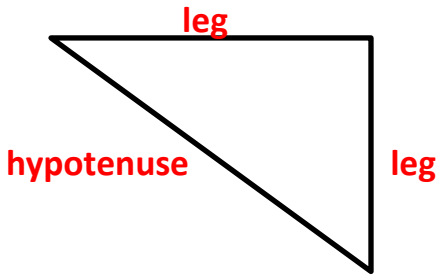
Answers will vary

8.G.6

Exit Slip

Name: _____ Date: _____

Label all three sides of the following right triangle with either the word leg or hypotenuse.

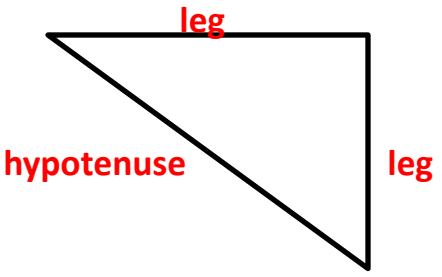


8.G.7

Exit Slip

Name: _____ Date: _____

Label all three sides of the following right triangle with either the word leg or hypotenuse.

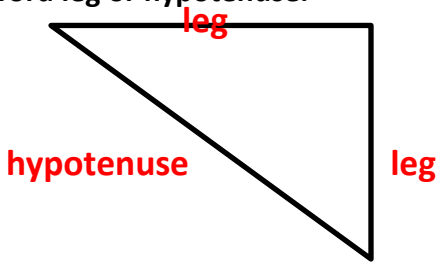


8.G.7

Exit Slip

Name: _____ Date: _____

Label all three sides of the following right triangle with either the word leg or hypotenuse.

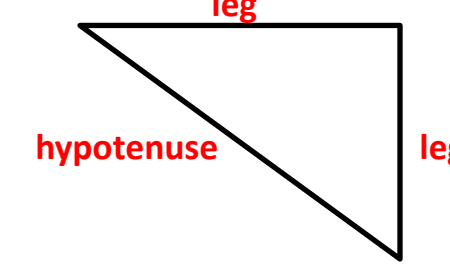


8.G.7

Exit Slip

Name: _____ Date: _____

Label all three sides of the following right triangle with either the word leg or hypotenuse.

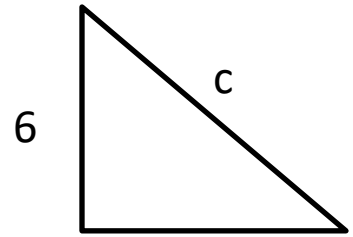


8.G.7

Exit Slip

Name: _____ Date: _____

Find the missing side length in the right triangle



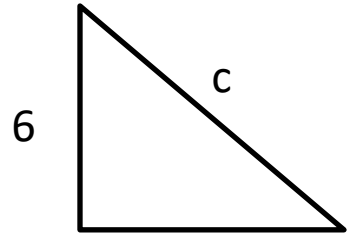
6.1

8.G.7

Exit Slip

Name: _____ Date: _____

Find the missing side length in the right triangle



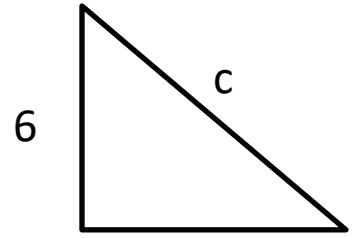
6.1

8.G.7

Exit Slip

Name: _____ Date: _____

Find the missing side length in the right triangle



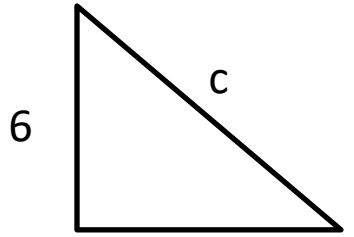
6.1

8.G.7

Exit Slip

Name: _____ Date: _____

Find the missing side length in the right triangle



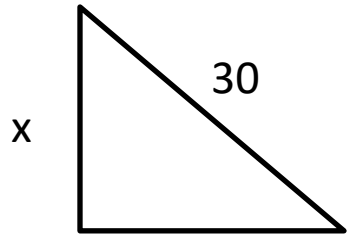
6.1

8.G.7

Exit Slip

Name: _____ **Date:** _____

Find the missing side length in the right triangle



25.4

8.G.7

Exit Slip

Name: _____ **Date:** _____

Find the missing side length in the right triangle

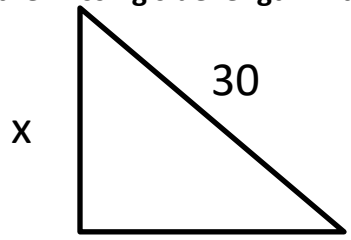
25.4

8.G.7

Exit Slip

Name: _____ **Date:** _____

Find the missing side length in the right triangle



25.4

8.G.7

Exit Slip

Name: _____ **Date:** _____

Find the missing side length in the right triangle

25.4

8.G.7

Exit Slip

Name: _____ Date: _____

A baseball diamond is a square with sides of 90 feet. What is the distance to the nearest tenth of a foot between home and second base?

127.28 feet

8.G.7

Exit Slip

Name: _____ Date: _____

A baseball diamond is a square with sides of 90 feet. What is the distance to the nearest tenth of a foot between home and second base?

127.28 feet

8.G.7

Exit Slip

Name: _____ Date: _____

A baseball diamond is a square with sides of 90 feet. What is the distance to the nearest tenth of a foot between home and second base?

127.28 feet

8.G.7

Exit Slip

Name: _____ Date: _____

A baseball diamond is a square with sides of 90 feet. What is the distance to the nearest tenth of a foot between home and second base?

127.28 feet

8.G.7

Exit Slip

Name: _____ Date: _____

A soccer field is a rectangle 90 meters wide and 120 meters long. The coach asks players to run from one corner to the corner diagonally across. What is the distance to the nearest tenth of a meter?

150 meters

8.G.7

Exit Slip

Name: _____ Date: _____

A soccer field is a rectangle 90 meters wide and 120 meters long. The coach asks players to run from one corner to the corner diagonally across. What is the distance to the nearest tenth of a meter?

150 meters

8.G.7

Exit Slip

Name: _____ Date: _____

A soccer field is a rectangle 90 meters wide and 120 meters long. The coach asks players to run from one corner to the corner diagonally across. What is the distance to the nearest tenth of a meter?

150 meters

8.G.7

Exit Slip

Name: _____ Date: _____

A soccer field is a rectangle 90 meters wide and 120 meters long. The coach asks players to run from one corner to the corner diagonally across. What is the distance to the nearest tenth of a meter?

150 meters

8.G.7

Exit Slip

Name: _____ Date: _____

Amy leaves the house to go get ice cream. She walks 2 miles west and 3 miles north. How far is Amy from her starting point?

3.61 miles

8.G.7

Exit Slip

Name: _____ Date: _____

Amy leaves the house to go get ice cream. She walks 2 miles west and 3 miles north. How far is Amy from her starting point?

3.61 miles

8.G.7

Exit Slip

Name: _____ Date: _____

Amy leaves the house to go get ice cream. She walks 2 miles west and 3 miles north. How far is Amy from her starting point?

3.61 miles

8.G.7

Exit Slip

Name: _____ Date: _____

Amy leaves the house to go get ice cream. She walks 2 miles west and 3 miles north. How far is Amy from her starting point?

3.61 miles

8.G.7

Exit Slip

Name: _____ Date: _____

Mr. Smith tells you that a right triangle has a hypotenuse of 19 and a leg of 10. He asks you to find the other leg of the triangle. What is your answer?

16.16 units

8.G.7

Exit Slip

Name: _____ Date: _____

Mr. Smith tells you that a right triangle has a hypotenuse of 19 and a leg of 10. He asks you to find the other leg of the triangle. What is your answer?

16.16 units

8.G.7

Exit Slip

Name: _____ Date: _____

Mr. Smith tells you that a right triangle has a hypotenuse of 19 and a leg of 10. He asks you to find the other leg of the triangle. What is your answer?

16.16 units

8.G.7

Exit Slip

Name: _____ Date: _____

Mr. Smith tells you that a right triangle has a hypotenuse of 19 and a leg of 10. He asks you to find the other leg of the triangle. What is your answer?

16.16 units

8.G.7

Exit Slip

Name: _____ Date: _____

A cat is stuck on the root. If the ladder is 12 feet long and must be placed seven feet away from the building. How high can the ladder reach up the building to help save the cat?

13.89 feet

8.G.7

Exit Slip

Name: _____ Date: _____

A cat is stuck on the root. If the ladder is 12 feet long and must be placed seven feet away from the building. How high can the ladder reach up the building to help save the cat?

13.89 feet

8.G.7

Exit Slip

Name: _____ Date: _____

A cat is stuck on the root. If the ladder is 12 feet long and must be placed seven feet away from the building. How high can the ladder reach up the building to help save the cat?

13.89 feet

8.G.7

Exit Slip

Name: _____ Date: _____

A cat is stuck on the root. If the ladder is 12 feet long and must be placed seven feet away from the building. How high can the ladder reach up the building to help save the cat?

13.89 feet

8.G.7

Exit Slip

Name: _____ Date: _____

Blake made a rectangular table for his dining room. The sides of the table are 12 feet and 4 feet. What is the length of the diagonal of the table?

12.65 feet

8.G.7

Exit Slip

Name: _____ Date: _____

Blake made a rectangular table for his dining room. The sides of the table are 12 feet and 4 feet. What is the length of the diagonal of the table?

12.65 feet

8.G.7

Exit Slip

Name: _____ Date: _____

Blake made a rectangular table for his dining room. The sides of the table are 12 feet and 4 feet. What is the length of the diagonal of the table?

12.65 feet

8.G.7

Exit Slip

Name: _____ Date: _____

Blake made a rectangular table for his dining room. The sides of the table are 12 feet and 4 feet. What is the length of the diagonal of the table?

12.65 feet

8.G.7

Exit Slip

Name: _____ Date: _____

A fire truck parks 16 feet away from a building. The fire truck extends its ladder 30 feet to the very top of the building. How tall is the building?

25.38 feet

8.G.7

Exit Slip

Name: _____ Date: _____

A fire truck parks 16 feet away from a building. The fire truck extends its ladder 30 feet to the very top of the building. How tall is the building?

25.38 feet

8.G.7

Exit Slip

Name: _____ Date: _____

A fire truck parks 16 feet away from a building. The fire truck extends its ladder 30 feet to the very top of the building. How tall is the building?

25.38 feet

8.G.7

Exit Slip

Name: _____ Date: _____

A fire truck parks 16 feet away from a building. The fire truck extends its ladder 30 feet to the very top of the building. How tall is the building?

25.38 feet

8.G.7

Exit Slip

Name: _____ Date: _____

Explain in your own words how to find the distance between two points on a coordinate plane.

Answers will vary

8.G.8

Exit Slip

Name: _____ Date: _____

Explain in your own words how to find the distance between two points on a coordinate plane.

Answers will vary

8.G.8

Exit Slip

Name: _____ Date: _____

Explain in your own words how to find the distance between two points on a coordinate plane.

Answers will vary

8.G.8

Exit Slip

Name: _____ Date: _____

Explain in your own words how to find the distance between two points on a coordinate plane.

Answers will vary

8.G.8

Exit Slip

Name: _____ Date: _____

Determine if the following statement is true or false. Explain your answer.

The distance between two points on a coordinate plane is always positive.

True, you can't have a negative distance between points

8.G.8

Exit Slip

Name: _____ Date: _____

Determine if the following statement is true or false. Explain your answer.

The distance between two points on a coordinate plane is always positive.

True, you can't have a negative distance between points

8.G.8

Exit Slip

Name: _____ Date: _____

Determine if the following statement is true or false. Explain your answer.

The distance between two points on a coordinate plane is always positive.

True, you can't have a negative distance between points

8.G.8

Exit Slip

Name: _____ Date: _____

Determine if the following statement is true or false. Explain your answer.

The distance between two points on a coordinate plane is always positive.

True, you can't have a negative distance between points

8.G.8

Exit Slip

Name: _____ Date: _____

What is the distance formula for finding the distance between two points?

$$d = \sqrt{(x^2 - x^1)^2 + (y^2 - y^1)^2}$$

8.G.8

Exit Slip

Name: _____ Date: _____

What is the distance formula for finding the distance between two points?

$$d = \sqrt{(x^2 - x^1)^2 + (y^2 - y^1)^2}$$

8.G.8

Exit Slip

Name: _____ Date: _____

What is the distance formula for finding the distance between two points?

$$d = \sqrt{(x^2 - x^1)^2 + (y^2 - y^1)^2}$$

8.G.8

Exit Slip

Name: _____ Date: _____

What is the distance formula for finding the distance between two points?

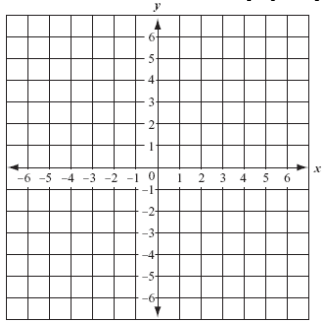
$$d = \sqrt{(x^2 - x^1)^2 + (y^2 - y^1)^2}$$

8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (6, -2) and (1, 7).



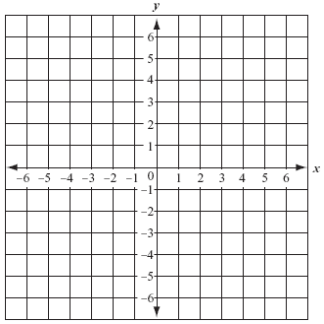
10.3 units

8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (6, -2) and (1, 7).



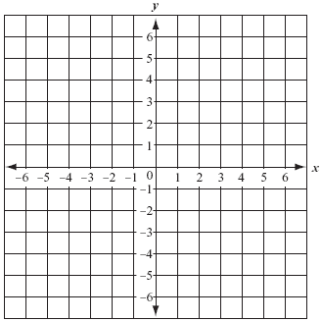
10.3 units

8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (6, -2) and (1, 7).



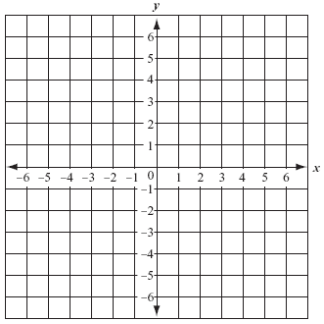
10.3 units

8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (6, -2) and (1, 7).



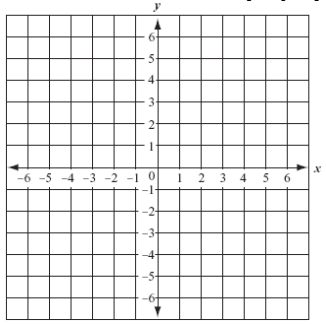
10.3 units

8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (-6, 4) and (5, 1)



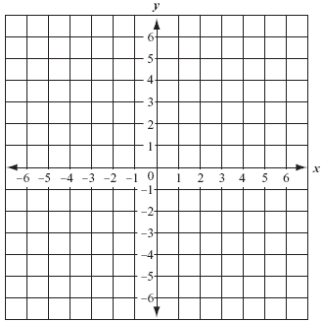
11.4 units

8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (-6, 4) and (5, 1)



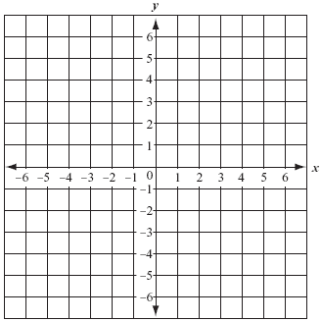
11.4 units

8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (-6, 4) and (5, 1)



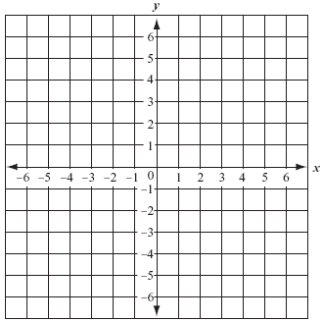
11.4 units

8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (-6, 4) and (5, 1)



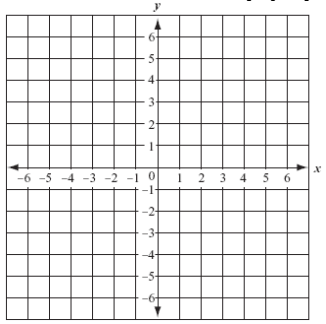
11.4 units

8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (7, 0) and (-5, -6)



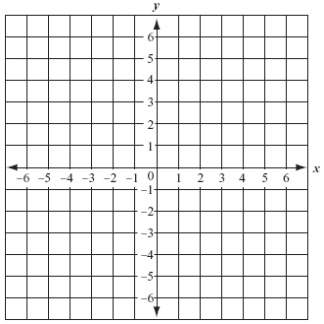
13.4 units

8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (7, 0) and (-5, -6)



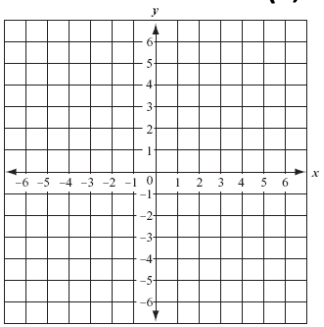
13.4 units

8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (7, 0) and (-5, -6)



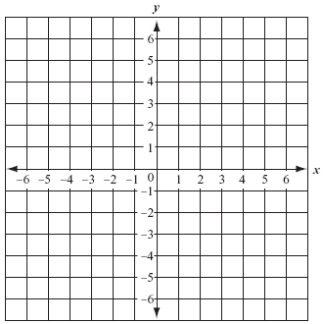
13.4 units

8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (7, 0) and (-5, -6)



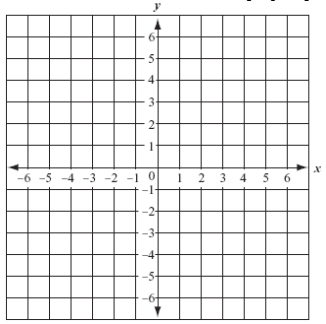
13.4 units

8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (8, 2) and (3, 9).



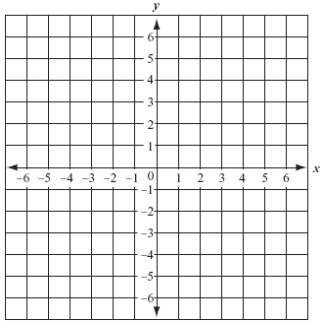
8.6 units

8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (8, 2) and (3, 9).



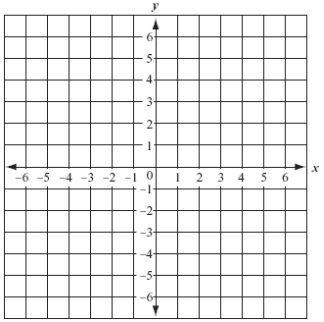
8.6 units

8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (8, 2) and (3, 9).



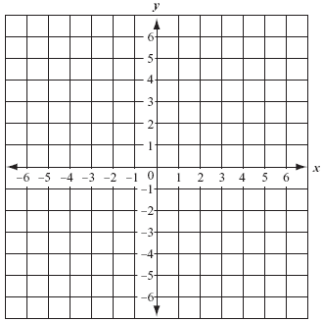
8.6 units

8.G.8

Exit Slip

Name: _____ **Date:** _____

Find the distance between (8, 2) and (3, 9).



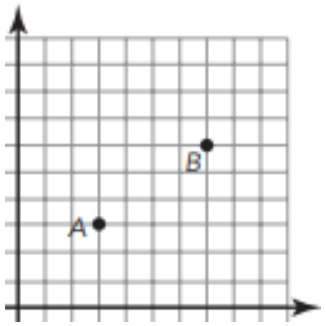
8.6 units

8.G.8

Exit Slip

Name: _____ Date: _____

Find the distance between A and B



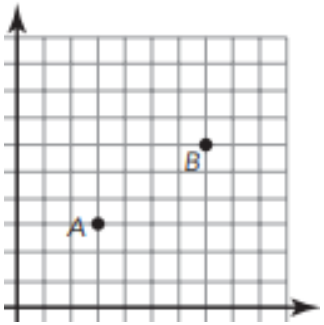
5 units

8.G.8

Exit Slip

Name: _____ Date: _____

Find the distance between A and B



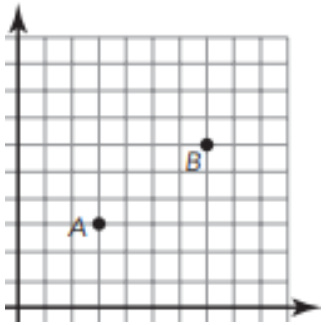
5 units

8.G.8

Exit Slip

Name: _____ Date: _____

Find the distance between A and B



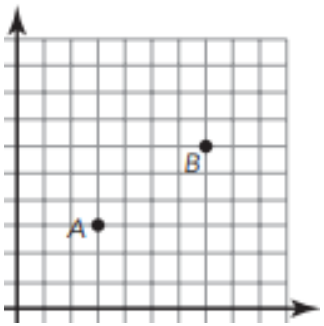
5 units

8.G.8

Exit Slip

Name: _____ Date: _____

Find the distance between A and B



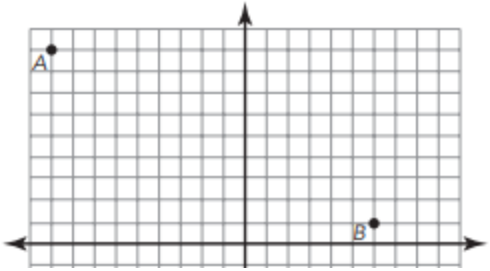
5 units

8.G.8

Exit Slip

Name: _____ Date: _____

Find the distance between A and B



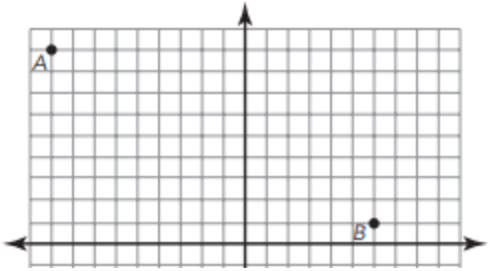
17 units

8.G.8

Exit Slip

Name: _____ Date: _____

Find the distance between A and B



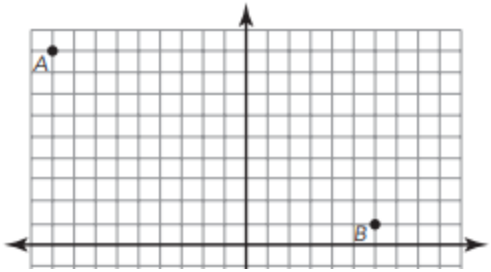
17 units

8.G.8

Exit Slip

Name: _____ Date: _____

Find the distance between A and B



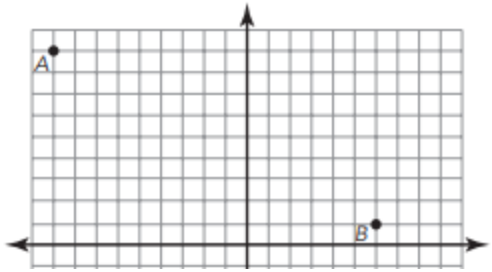
17 units

8.G.8

Exit Slip

Name: _____ Date: _____

Find the distance between A and B



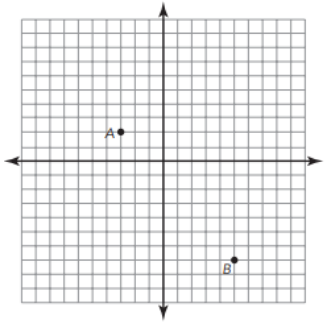
17 units

8.G.8

Exit Slip

Name: _____ Date: _____

Find the distance between A and B



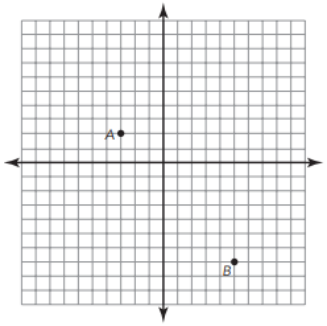
12.04 units

8.G.8

Exit Slip

Name: _____ Date: _____

Find the distance between A and B



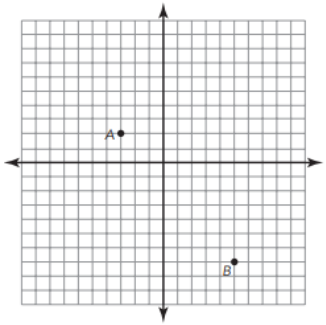
12.04 units

8.G.8

Exit Slip

Name: _____ Date: _____

Find the distance between A and B



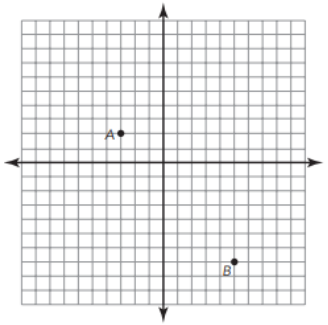
12.04 units

8.G.8

Exit Slip

Name: _____ Date: _____

Find the distance between A and B



12.04 units

8.G.8

Exit Slip

Name: _____ Date: _____

Write the formulas for the following:

Cones: $V = \frac{\pi r^2 h}{3}$

Cylinders: $V = \pi r^2 h$

Spheres: $V = \frac{4}{3}\pi r^3$

8.G.9

Exit Slip

Name: _____ Date: _____

Write the formulas for the following:

Cones: $V = \frac{\pi r^2 h}{3}$

Cylinders: $V = \pi r^2 h$

Spheres: $V = \frac{4}{3}\pi r^3$

8.G.9

Exit Slip

Name: _____ Date: _____

Write the formulas for the following:

Cones: $V = \frac{\pi r^2 h}{3}$

Cylinders: $V = \pi r^2 h$

Spheres: $V = \frac{4}{3}\pi r^3$

8.G.9

Exit Slip

Name: _____ Date: _____

Write the formulas for the following:

Cones: $V = \frac{\pi r^2 h}{3}$

Cylinders: $V = \pi r^2 h$

Spheres: $V = \frac{4}{3}\pi r^3$

8.G.9

Exit Slip

Name: _____ **Date:** _____

Match the correct formulas:

1. **B** **Volume of a Cylinder**
2. **C** **Volume of a Cone**
3. **A** **Volume of a Sphere**

A. $V = \frac{4}{3}\pi r^3$

B. $V = \pi r^2 h$

C. $V = \frac{\pi r^2 h}{3}$

8.G.9

Exit Slip

Name: _____ **Date:** _____

Match the correct formulas:

1. **B** **Volume of a Cylinder**
2. **C** **Volume of a Cone**
3. **A** **Volume of a Sphere**

A. $V = \frac{4}{3}\pi r^3$

B. $V = \pi r^2 h$

C. $V = \frac{\pi r^2 h}{3}$

8.G.9

Exit Slip

Name: _____ **Date:** _____

Match the correct formulas:

1. **B** **Volume of a Cylinder**
2. **C** **Volume of a Cone**
3. **A** **Volume of a Sphere**

A. $V = \frac{4}{3}\pi r^3$

B. $V = \pi r^2 h$

C. $V = \frac{\pi r^2 h}{3}$

8.G.9

Exit Slip

Name: _____ **Date:** _____

Match the correct formulas:

1. **B** **Volume of a Cylinder**
2. **C** **Volume of a Cone**
3. **A** **Volume of a Sphere**

A. $V = \frac{4}{3}\pi r^3$

B. $V = \pi r^2 h$

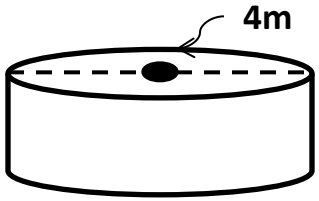
C. $V = \frac{\pi r^2 h}{3}$

8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of the following:



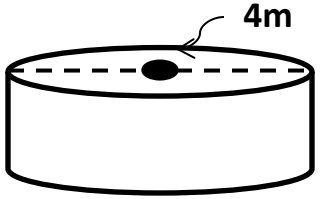
$V = 18.84m^3$

8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of the following:



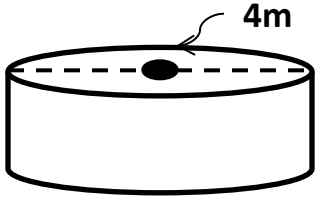
$V = 18.84m^3$

8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of the following:



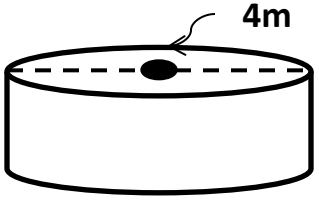
$V = 18.84m^3$

8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of the following:



$V = 18.84m^3$

8.G.9

Exit Slip

Name: _____ Date: _____

The volume of a cone is 1,570in^3. If the radius of the cone is 10 inches, calculate the height of the cone.

15 inches

8.G.9

Exit Slip

Name: _____ Date: _____

The volume of a cone is 1,570in^3. If the radius of the cone is 10 inches, calculate the height of the cone.

15 inches

8.G.9

Exit Slip

Name: _____ Date: _____

The volume of a cone is 1,570in^3. If the radius of the cone is 10 inches, calculate the height of the cone.

15 inches

8.G.9

Exit Slip

Name: _____ Date: _____

The volume of a cone is 1,570in^3. If the radius of the cone is 10 inches, calculate the height of the cone.

15 inches

8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of a sphere if the diameter is 29 feet.

$12{,}763.58ft^3$

8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of a sphere if the diameter is 29 feet.

$12{,}763.58ft^3$

8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of a sphere if the diameter is 29 feet.

$12{,}763.58ft^3$

8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of a sphere if the diameter is 29 feet.

$12{,}763.58ft^3$

8.G.9

Exit Slip

Name: ______________________ Date: ______

Find the volume of a cone if it has a diameter of 10 inches and a height of 8 inches.

$209.3 ft^3$

8.G.9

Exit Slip

Name: ______________________ Date: ______

Find the volume of a cone if it has a diameter of 10 inches and a height of 8 inches.

$209.3 ft^3$

8.G.9

Exit Slip

Name: ______________________ Date: ______

Find the volume of a cone if it has a diameter of 10 inches and a height of 8 inches.

$209.3 ft^3$

8.G.9

Exit Slip

Name: ______________________ Date: ______

Find the volume of a cone if it has a diameter of 10 inches and a height of 8 inches.

$209.3 ft^3$

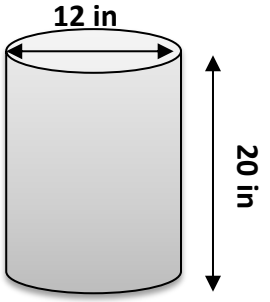
8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of the cylinder with the given dimensions.

$2{,}260.8in^3$



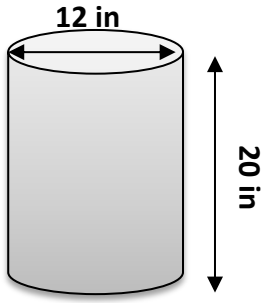
8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of the cylinder with the given dimensions.

$2{,}260.8in^3$



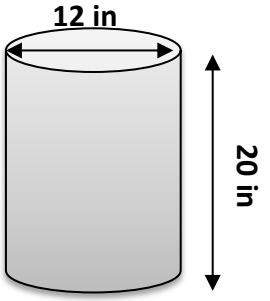
8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of the cylinder with the given dimensions.

$2{,}260.8in^3$



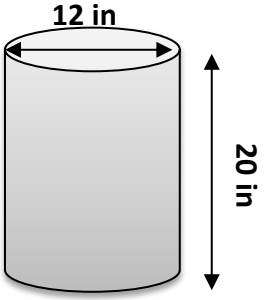
8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of the cylinder with the given dimensions.

$2{,}260.8in^3$



8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of a sphere if it has a radius of 5 inches.

$523.3\ in^3$

8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of a sphere if it has a radius of 5 inches.

$523.3\ in^3$

8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of a sphere if it has a radius of 5 inches.

$523.3\ in^3$

8.G.9

Exit Slip

Name: _____ Date: _____

Find the volume of a sphere if it has a radius of 5 inches.

$523.3\ in^3$

8.G.9

Exit Slip

Name: _____ Date: _____

An ice cream cone has a diameter of 14.8 cm and a volume of 464.3cm^3. Find the height of the cone to the nearest tenth.

8.1 cm

8.G.9

Exit Slip

Name: _____ Date: _____

An ice cream cone has a diameter of 14.8 cm and a volume of 464.3cm^3. Find the height of the cone to the nearest tenth.

8.1 cm

8.G.9

Exit Slip

Name: _____ Date: _____

An ice cream cone has a diameter of 14.8 cm and a volume of 464.3cm^3. Find the height of the cone to the nearest tenth.

8.1 cm

8.G.9

Exit Slip

Name: _____ Date: _____

An ice cream cone has a diameter of 14.8 cm and a volume of 464.3cm^3. Find the height of the cone to the nearest tenth.

8.1 cm

8.G.9

Exit Slip

Name: _____ Date: _____

Find the height of a cylinder with a radius of 5 inches and a volume of 510.25 in^3.

5 in

8.G.9

Exit Slip

Name: _____ Date: _____

Find the height of a cylinder with a radius of 5 inches and a volume of 510.25 in^3.

5 in

8.G.9

Exit Slip

Name: _____ Date: _____

Find the height of a cylinder with a radius of 5 inches and a volume of 510.25 in^3.

5 in

8.G.9

Exit Slip

Name: _____ Date: _____

Find the height of a cylinder with a radius of 5 inches and a volume of 510.25 in^3.

5 in

8.G.9

Thank you SO MUCH for purchasing this product!

I hope you found this resource useful and that your students enjoy it as much as mine do. Please consider leaving feedback in my TpT store.

By purchasing this project, the purchaser received the project for **individual single classroom use only.** This license is not intended for use by organizations or multiple users, including but not limited to school districts, schools , or multiple teachers within a grade level.

Thank you for respecting my work!

~Math in the Midwest