

Exit S		xit Slip
	Exit Slip Name: Date:	Date:
escribe the sequence bet be because the sequence bet because the sequence bet because the sigures. Note: The pre-image and the right.	Determine if the following scale factors would be an enlargement or a reduction.	, v
igures. Note	1 Scale Factor: 4 2 Scale Factor: \frac{1}{2}	4321,123267696
	it Slip Exit Slip Date:	X V
Name:	Date: Name: Date: Name:	Exit Slip
8.G	Write an equal (2x+6)	Date: s a diameter of 14.8 cm and a ind the height of the cone to the
B B	126°	
8.G.8	8.G.5	•••••

3.G.4 3.G.5

8.G.6

8.G.7

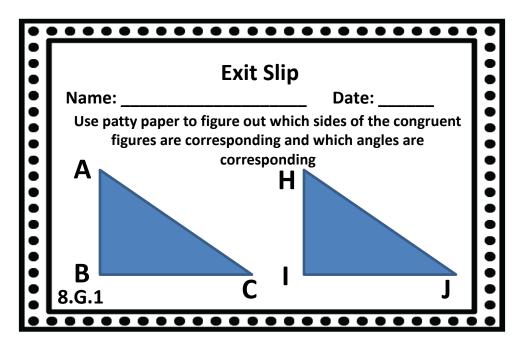
8.G.8

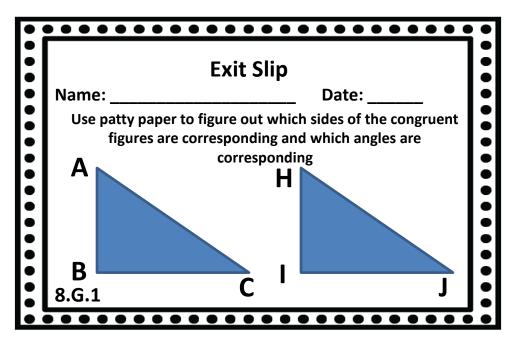
8.G.9

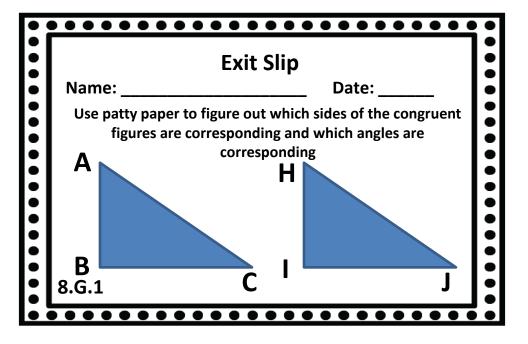
90 Exit Slips/Exit Tickets
10 Questions Per Standard

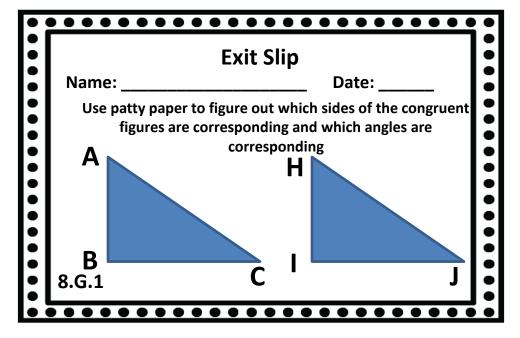


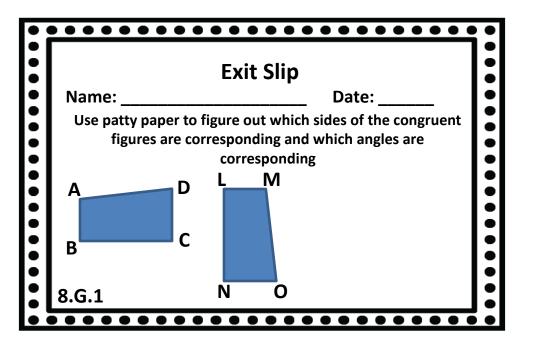
By: Math in the Midwest

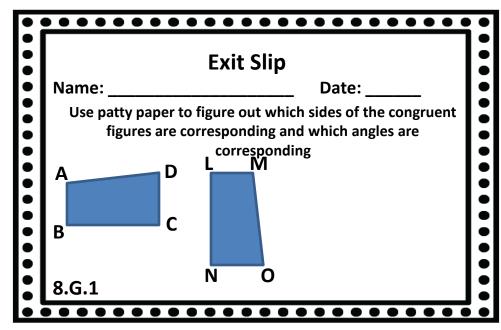


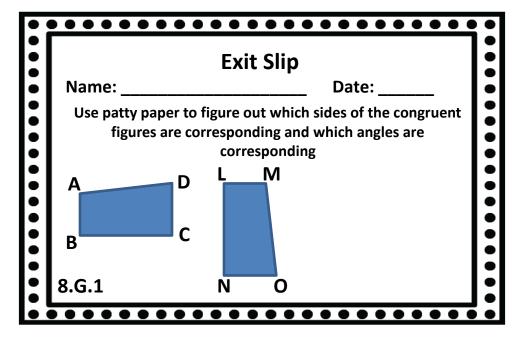


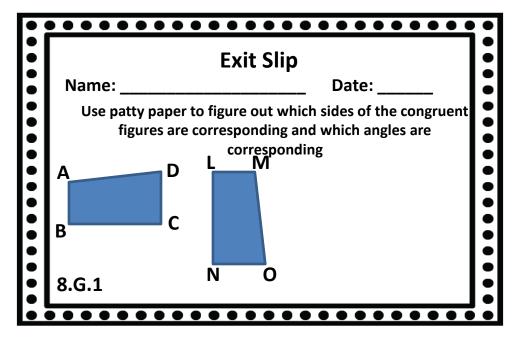


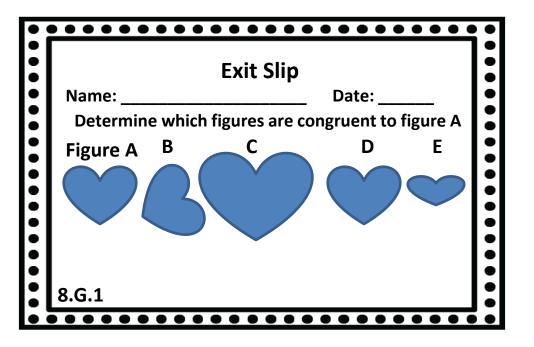


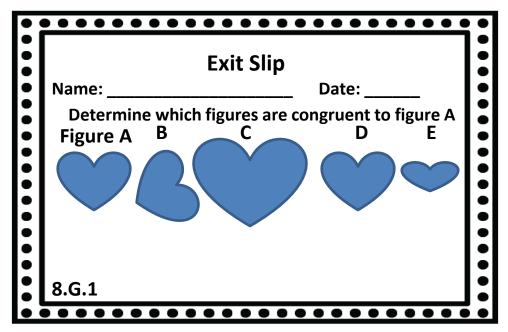


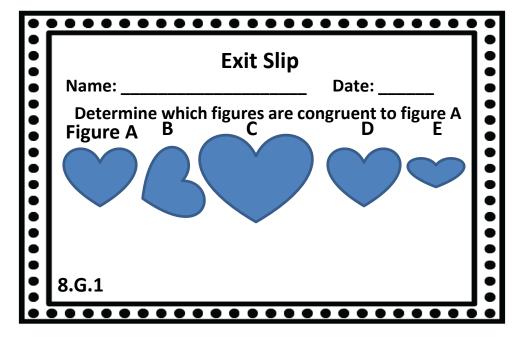


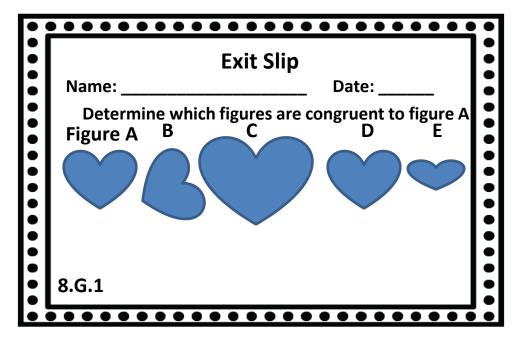


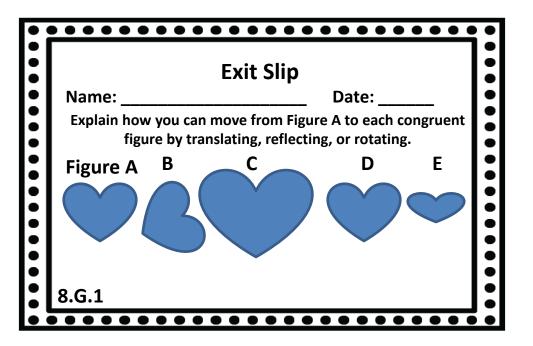


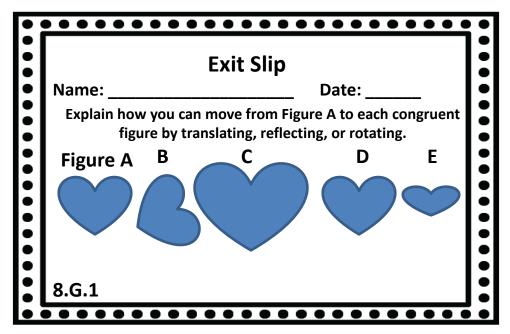


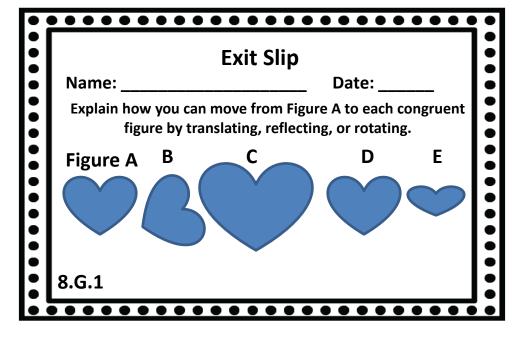


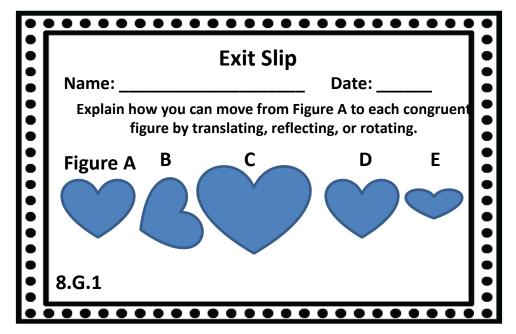


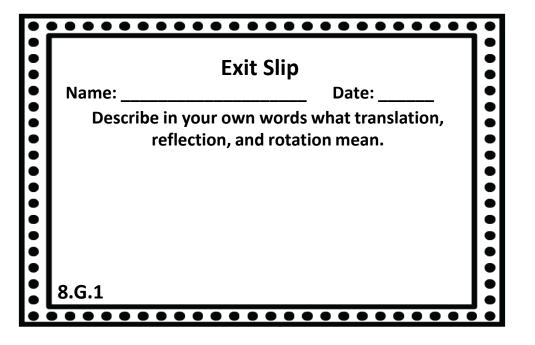


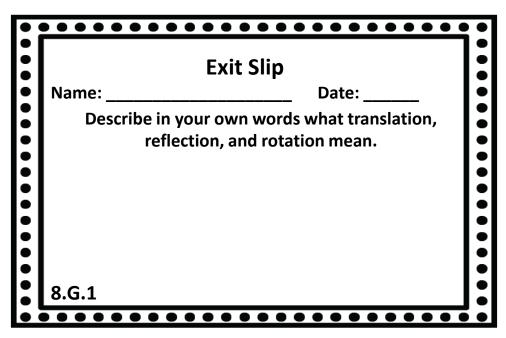








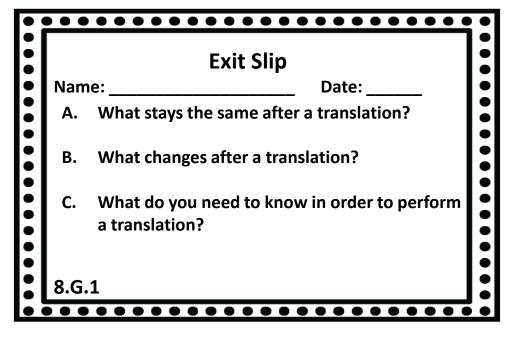




	Exit Slip	
Name	e: Date:	
De	escribe in your own words what translation, reflection, and rotation mean.	
8.G.1		

	• • • • • • • • • • • • • • • • • • • •
	Exit Slip
Name:	Date:
Describ	e in your own words what translation, reflection, and rotation mean.
	,
8.G.1	

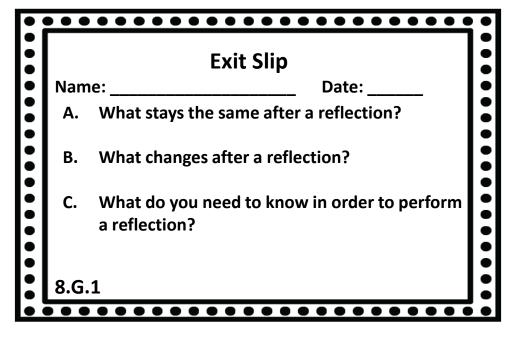
3	Exit Slip
Na	me: Date:
A.	What stays the same after a translation?
В.	What changes after a translation?
C.	What do you need to know in order to perform a translation?
8.G.	.1
—	• • • • • • • • • • • • • • • • • • •



	Exit Slip
Naı	me: Date:
A.	What stays the same after a translation?
В.	What changes after a translation?
C.	What do you need to know in order to perform a translation?
8.G.1	

	Exit Slip	
Nam	e: Date:	
Α.	What stays the same after a translation?	
В.	What changes after a translation?	
Nam A. B. C.	What do you need to know in order to perform a translation?	
8.G.1	8.G.1	

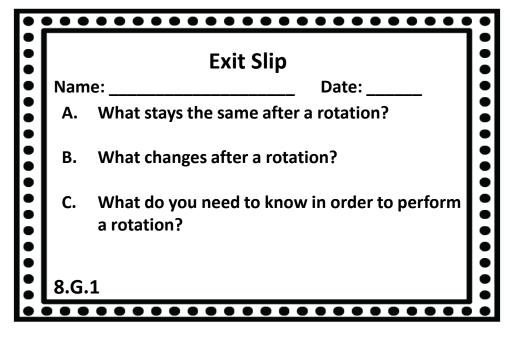
•		•••••		
•	Exit Slip			
•	Name: Date	:		
	A. What stays the same after a reflect	ion?		
	B. What changes after a reflection?			
•	C. What do you need to know in orde a reflection?	r to perform		
	8.G.1			
		•••••••••••••••••••••••••••••••••••••••		



	Exit Slip
Na	me: Date:
A.	What stays the same after a reflection?
В.	What changes after a reflection?
C.	What do you need to know in order to perform a reflection?
8.G.1	

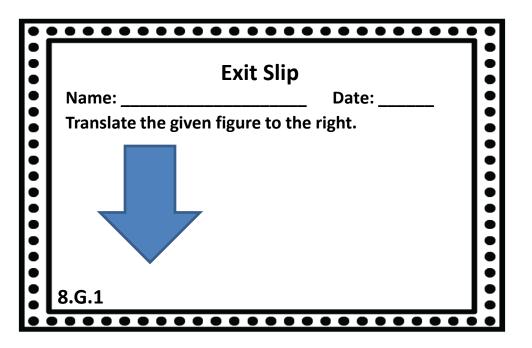
	Exit Slip	•	
Nan	ne: Date:	•	
Α.	What stays the same after a reflection?	•	
В.	What changes after a reflection?	•	
C.	What do you need to know in order to perform a reflection?	• • • • •	
8.G.:	8.G.1		
8.G.1			

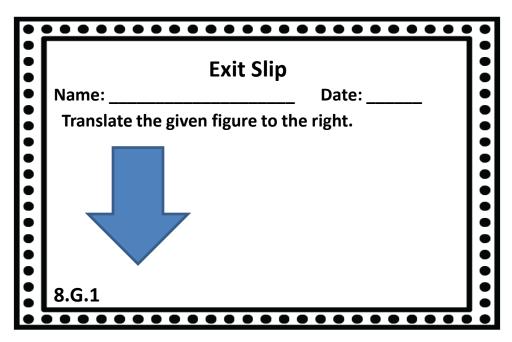
Exit Slip		
Nai	me: Date:	•
Α.	What stays the same after a rotation?	
В.	What changes after a rotation?	
C.	What do you need to know in order to perform a rotation?	•
8.G.1		
	A. B. C.	Name: Date: A. What stays the same after a rotation? B. What changes after a rotation? C. What do you need to know in order to perform a rotation?

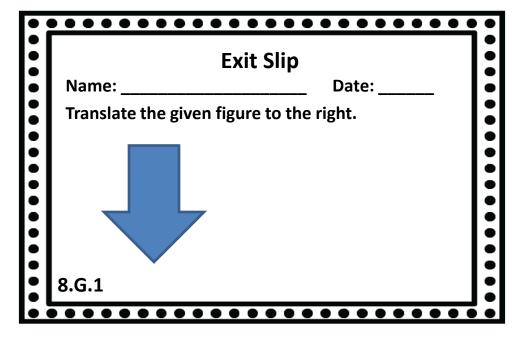


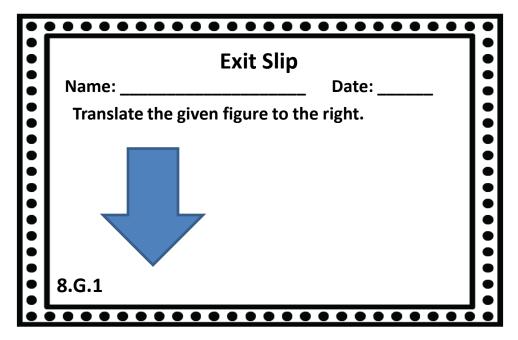
	Exit Slip
Nar	me: Date:
A.	What stays the same after a rotation?
В.	What changes after a rotation?
C.	What do you need to know in order to perform a rotation?
8.G.1	

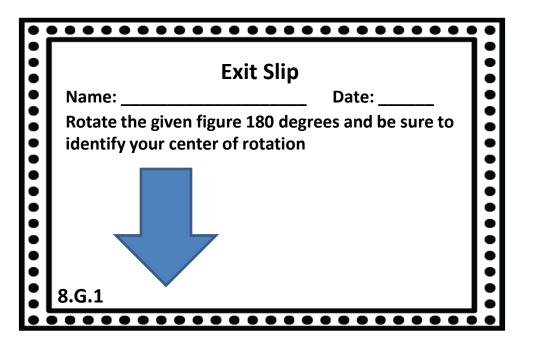
Exit Slip		
Name:	Date:	
A. What stays the same after	r a rotation?	
B. What changes after a rota	ition?	
C. What do you need to know a rotation?	w in order to perform	
8.G.1		

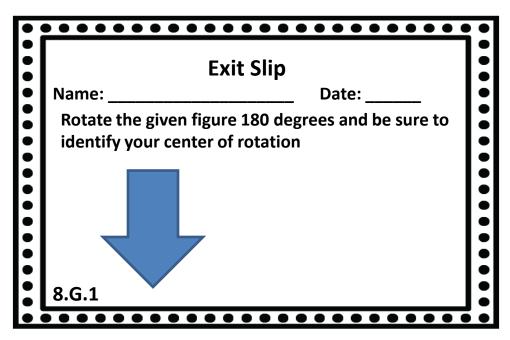


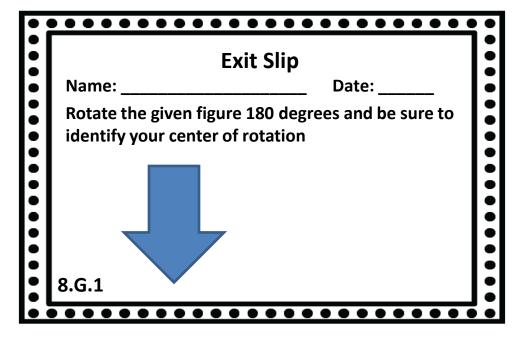


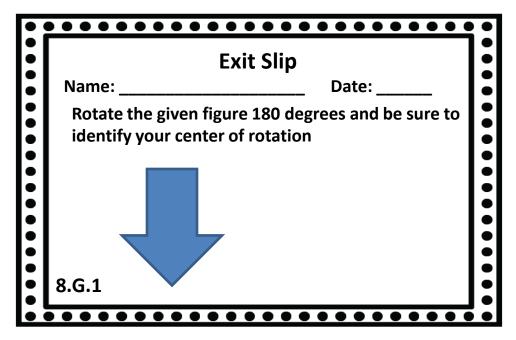


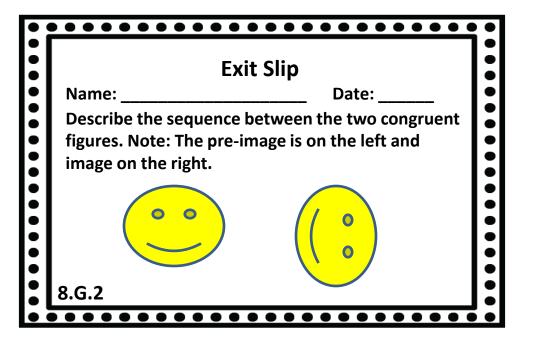


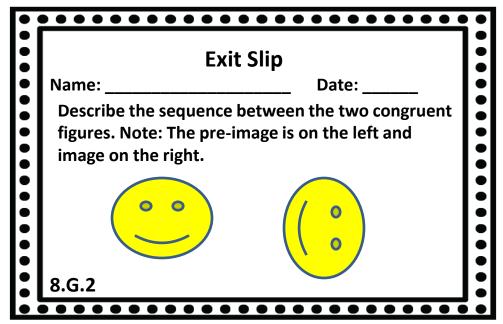






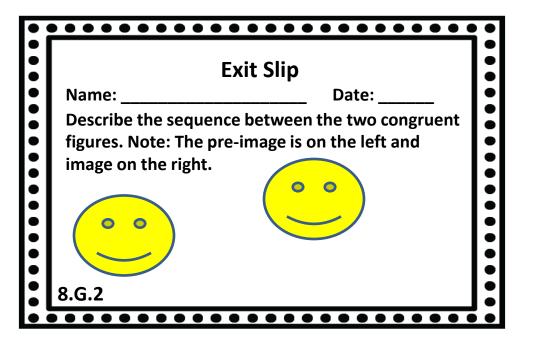


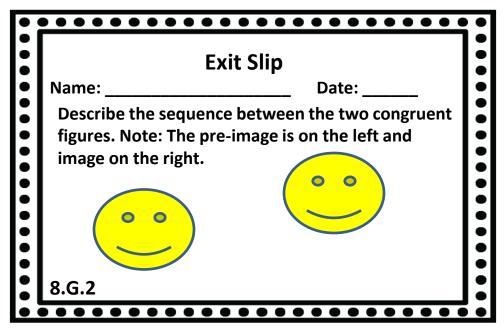




	• • • • • • • • • • • • • • • • • • • •	
	Exit Slip	
•	Name: Date:	•
• • • •	Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.	• • • •
• • • •		• • • •
	8.G.2	
•	8.G.2	

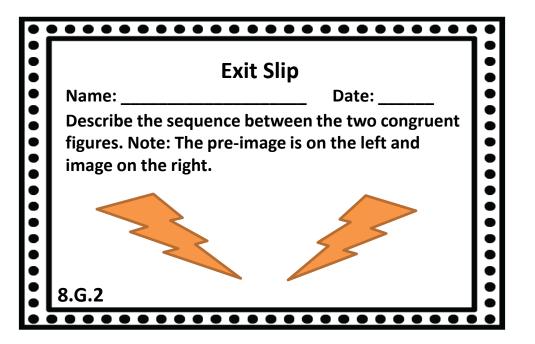
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Name:	Date:
	equence between the two congruent The pre-image is on the left and right.
8.G.2	

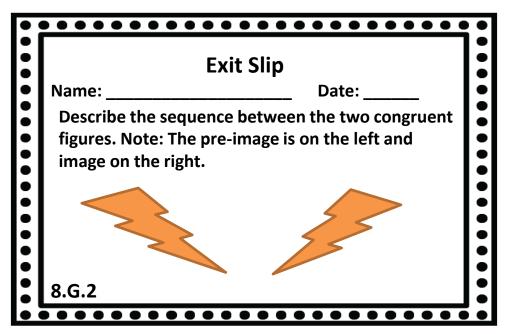


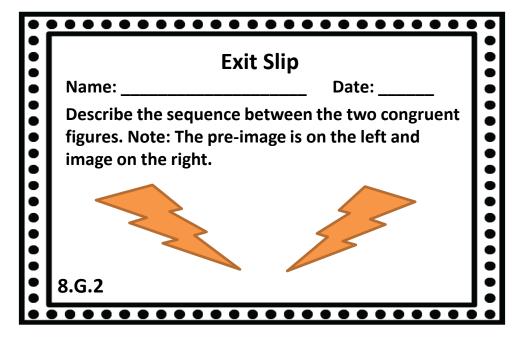


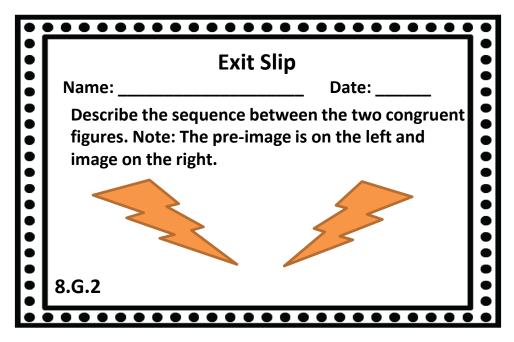
	Exit Slip	• • •
•	Name: Date:	•
• • • •	Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.	• • •
•••••		• • • • •
	8.G.2	•

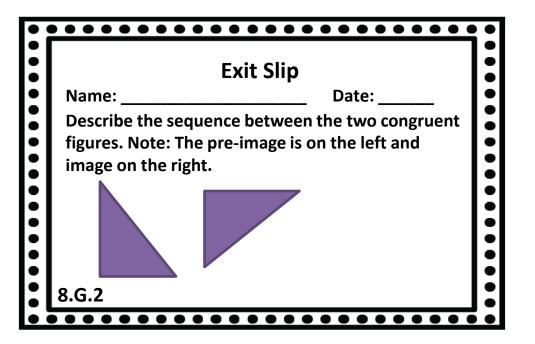
•	• • • • • • • • • • • • • • • • • • • •	1
	Exit Slip	
•	Name: Date:	
•	Describe the sequence between the two congruent figures. Note: The pre-image is on the left and	
	image on the right.	
	8.G.2	

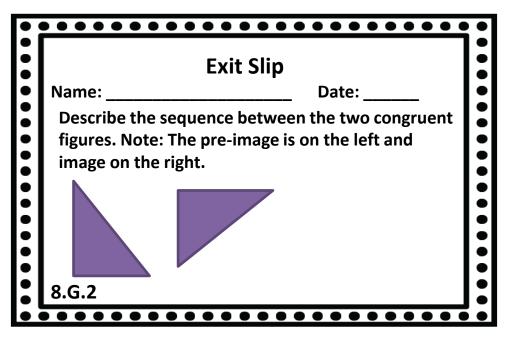






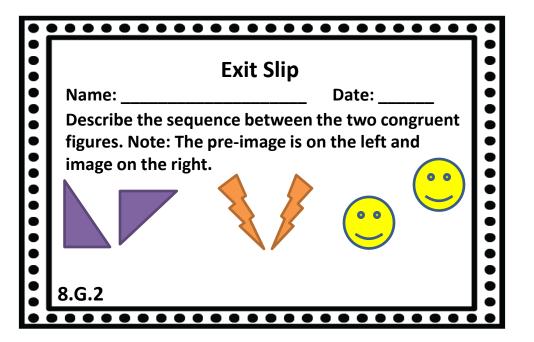


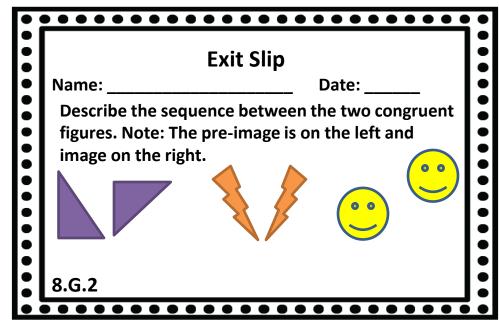


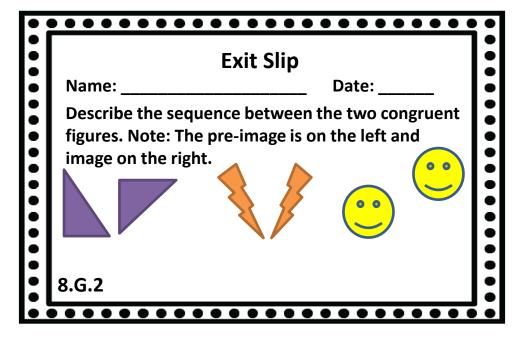


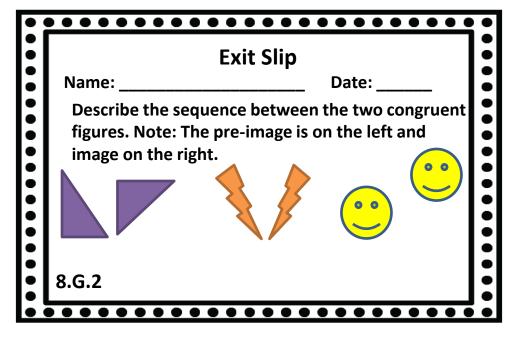
•		•
	Exit Slip	
•	Name: Date:	•
• • • •	Describe the sequence between the two congruent figures. Note: The pre-image is on the left and image on the right.	•
••••		
	8.G.2	

•		
	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	•
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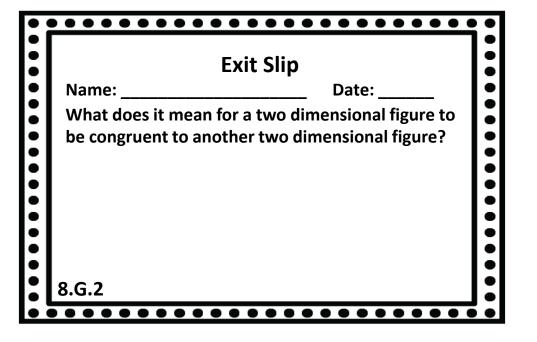


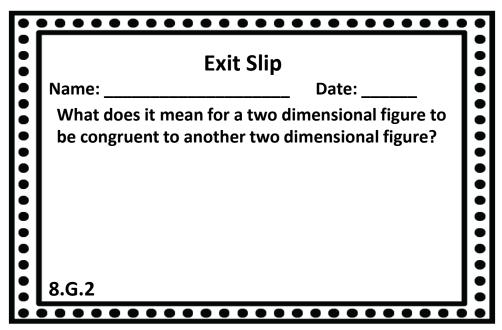
• 1		
•	Exit Slip	•
•	Name: Date:	•
	State if the following statements are true or false1. A two dimensional figure is congruent to	
	another if it is obtained through translations, rotations, or reflections.	
	2. Translations turn an object. 3. Reflections flip an object	•
		•
	8.G.2	•

	Exit Slip
Name:	Date:
State if the follo	wing statements are true or false.
1. A two d	limensional figure is congruent to
another if it is obtained through translations,	
rotations, or ref	lections.
2. Transla	tions turn an object.
3. Reflect	ions flip an object
8.G.2	

	Fuit Citie
	Exit Slip
Name:	Date:
State if the follow	ving statements are true or false.
1. A two di	mensional figure is congruent to
another if it is ob	tained through translations,
rotations, or refle	ections.
2. Translat	ions turn an object.
3. Reflection	ons flip an object
8.G.2	

	Exit Slip	ľ
Name:	Date:	ľ
	ng statements are true or false. ensional figure is congruent to	
I ———	ined through translations,	ľ
rotations, or reflect	tions.	
2. Translatio	ns turn an object.	ı
3. Reflection	s flip an object	
8.G.2		
		J





	Exit Slip
Name:	Date:
	ean for a two dimensional figure 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	• • •

7		
	Exit Slip	1
N	ame: Date:	١
	Give your own example of two dimensional figures	ľ
t	hat are congruent by a translation. Be sure to label	
У	our pre-image and image.	
8.	.G.2	
5)

•			
	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		
•	• • • • • • • • • • • • • • • • • • • •		

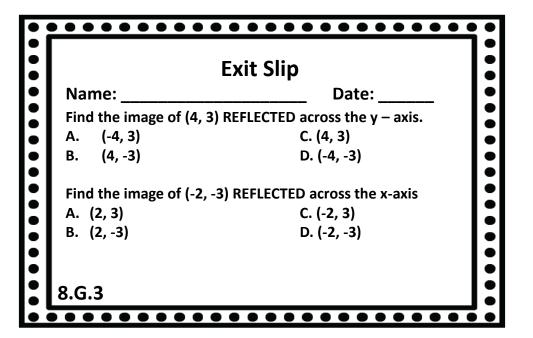
Exit Slip		
_	Date: example of two dimensional figures ent by a translation. Be sure to label and image.	
, , ,	Ü	
8.G.2		

•	• • • • • • • • • • • • • • • • • • • •	•
•	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 preimage and image.	
• • • • •	8.G.2	•••••
		•

	Exit Slip
Name:	Date:
Give your own ex	cample of two dimensional figures
_	nt 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 preimage and image.		
• • • •		• • • • •	
	8.G.2		
•			

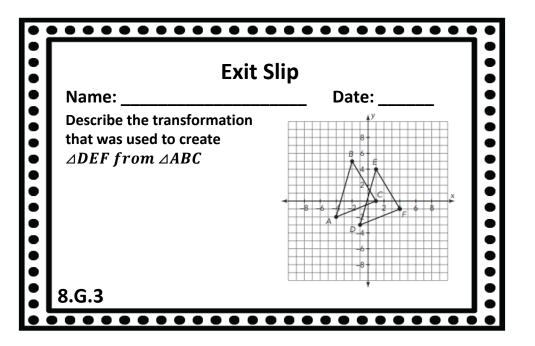
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Name:	Date:
that are congruent	imple of two dimensional figures t through either a translation, ion. Be sure to label your pre-
8.G.2	

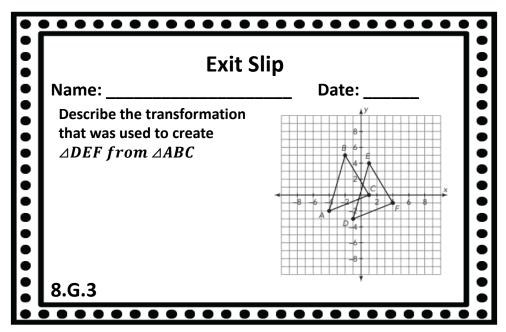


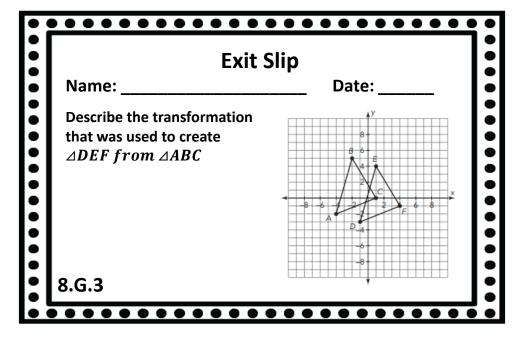
•			;:
	Exit Slip		
•	Name:	Date:	•
	Find the image of (4, 3) REFL	ECTED across the y – axis.	1:
•	A. (-4 <i>,</i> 3)	C. (4, 3)	
•	B. (4, -3)	D. (-4, -3)	•
• • • •	Find the image of (-2, -3) REF A. (2, 3) B. (2, -3)	ELECTED across the x-axis C. (-2, 3) D. (-2, -3)	
	8.G.3	•••••	

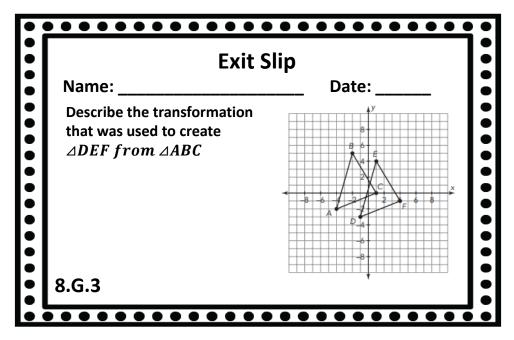
• •	• • • • • • • •	•••••	•
	Exit Slip		
•	Name:	Date:	•
	Find the image of (4,	3) REFLECTED across the y – axis.	•
	A. (-4, 3)	C. (4, 3)	•
•	B. (4, -3)	D. (-4, -3)	•
• • •	Find the image of (-2, -3) REFLECTED across the x-axis		
	A. (2, 3)	C. (-2, 3)	•
	B. (2, -3)	D. (-2, -3)	-
•	C. a		•
			•
	8.G.3		•
	•••••	•••••	•

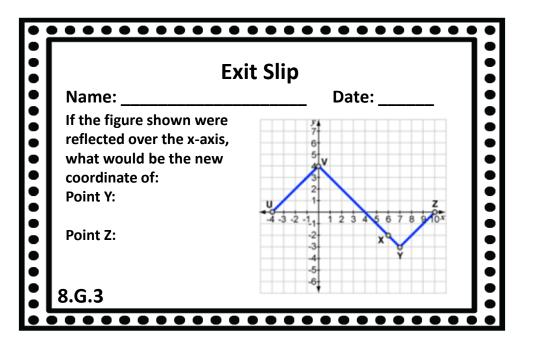
I	Exit Slip
Name:	Date:
Find the image of (4, 3)	REFLECTED across the y – axis.
A. (-4, 3)	C. (4, 3)
B. (4, -3)	D. (-4, -3)
Find the image of (-2, -	3) REFLECTED across the x-axis
A. (2, 3)	C. (-2, 3)
B. (2, -3)	D. (-2, -3)
0.63	
8.G.3	

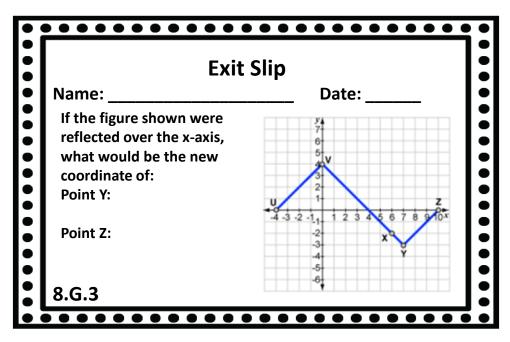


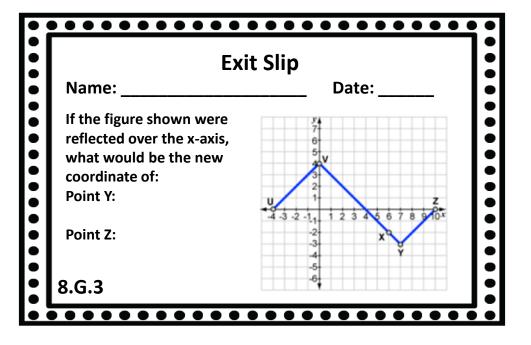


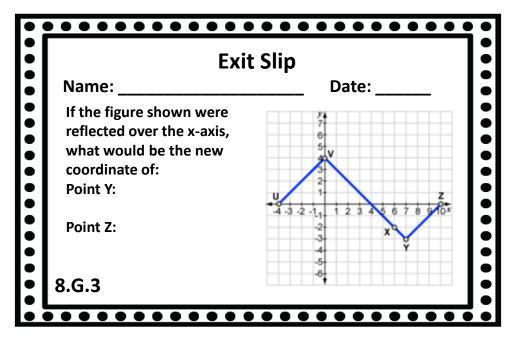


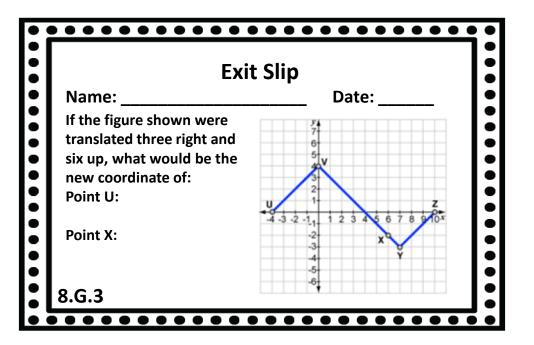


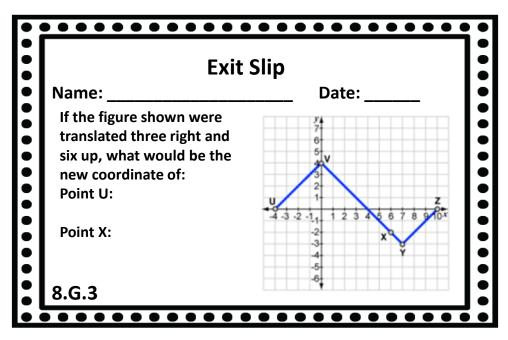


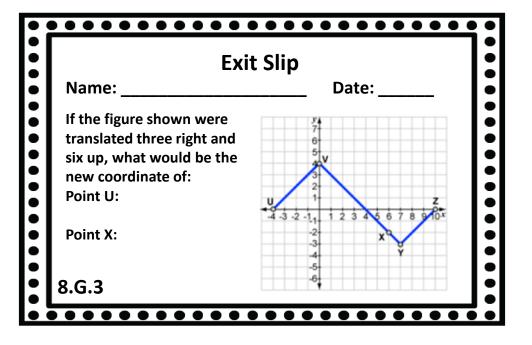


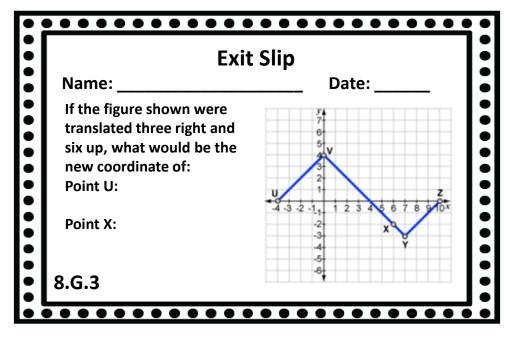


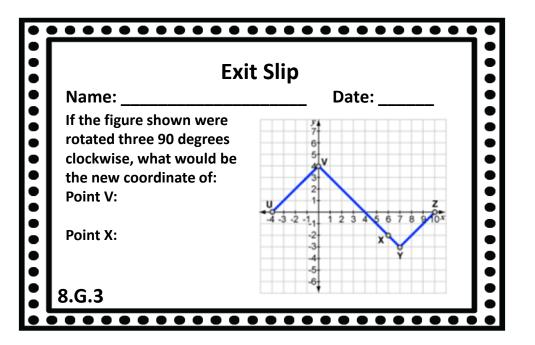


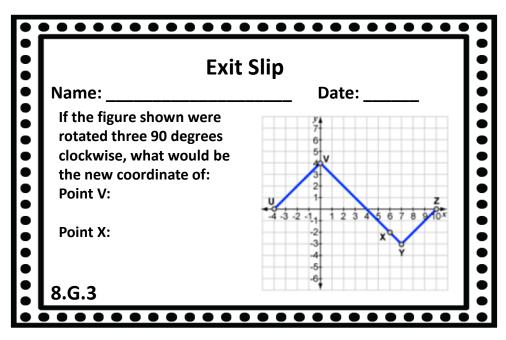


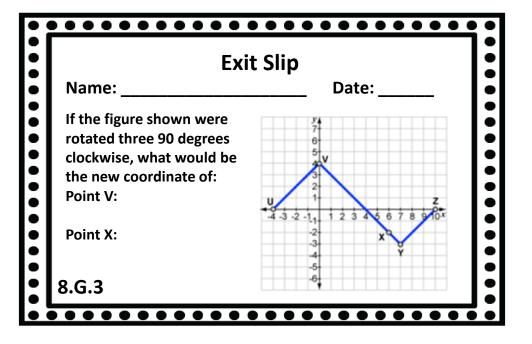


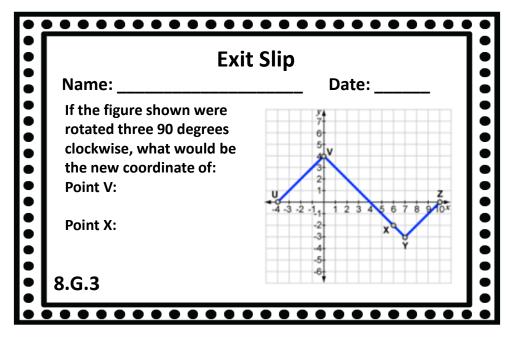


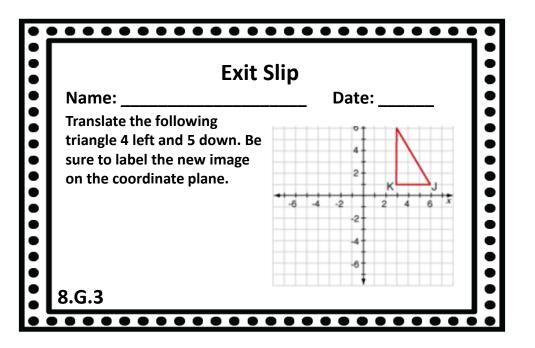


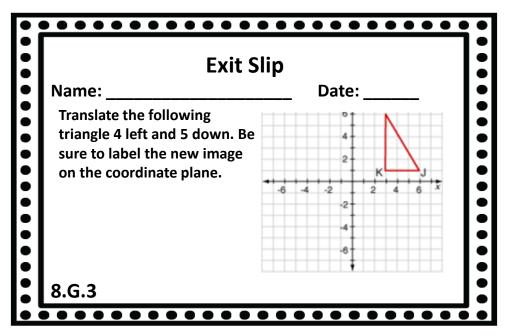


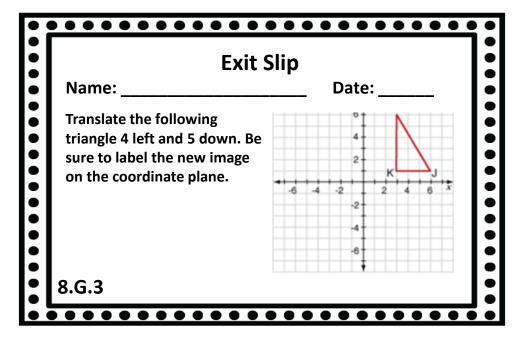


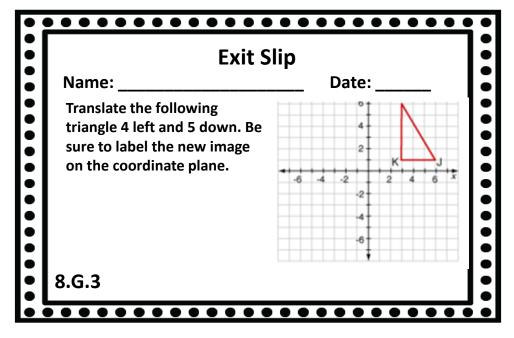


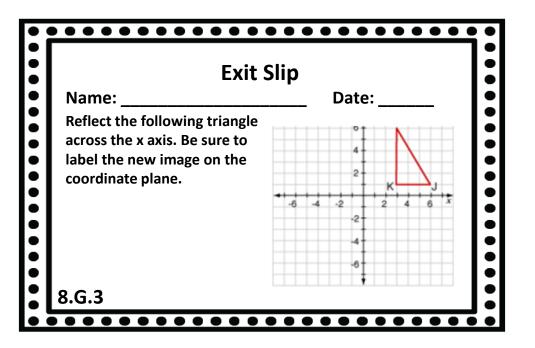


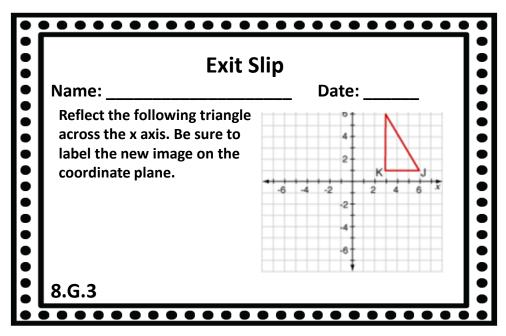


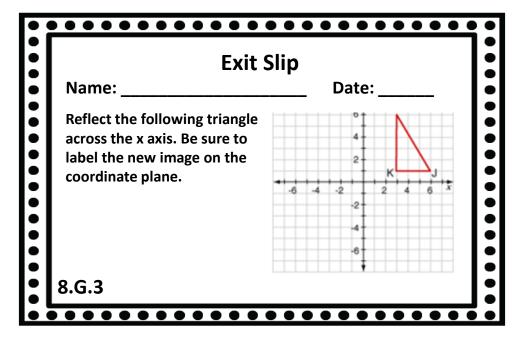


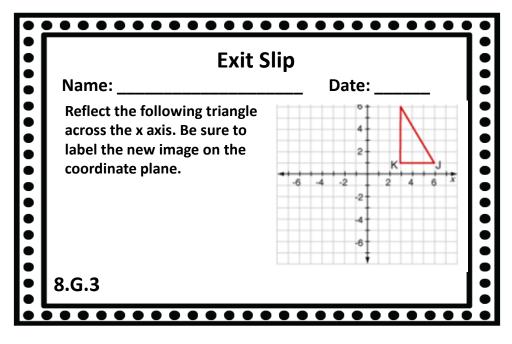


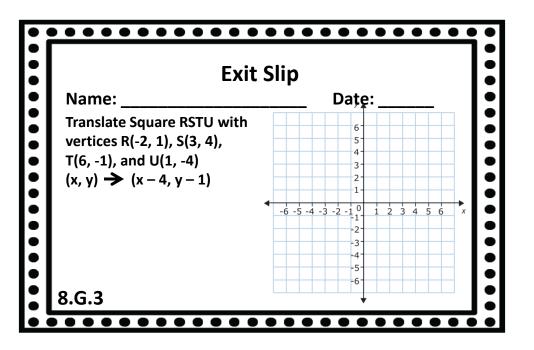


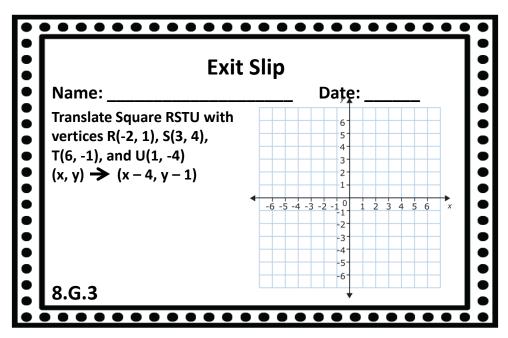






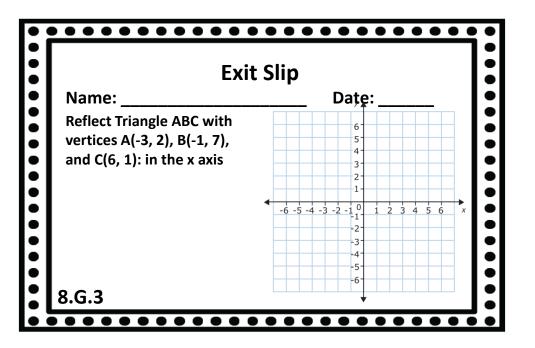


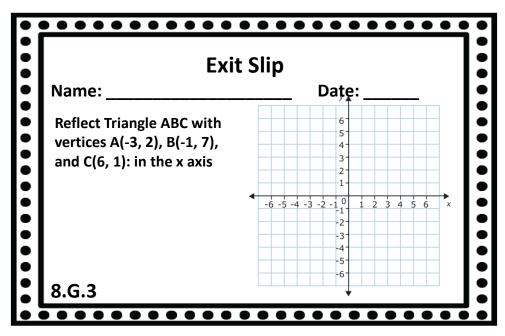


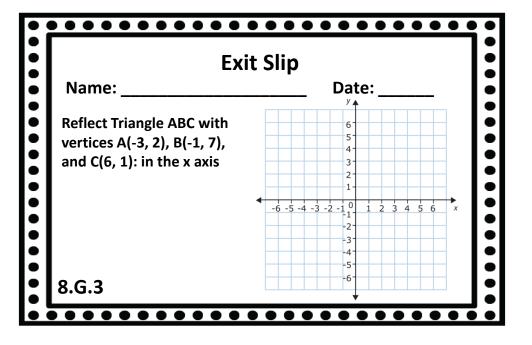


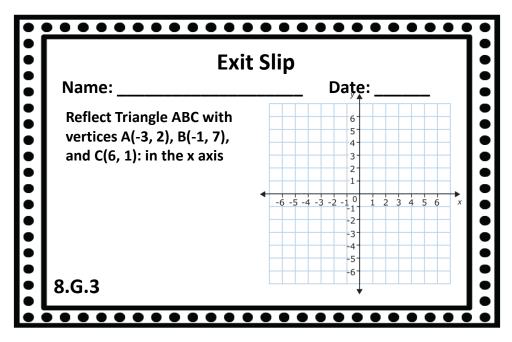
		•••••	•
	Exit	Slip	•
	Name:	Date:	•
• • • •	Translate Square RSTU with vertices R(-2, 1), S(3, 4), T(6, -1), and U(1, -4) (x, y) → (x - 4, y - 1)	6-5-4-3-2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	•••••
• • • •	8.G.3	-6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 x -2 -3 -4 -5 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6	• • • • •
		<u> </u>	•

	Exit	: Slip	•
	Name: Translate Square RSTU with	Date:	•
• • •	vertices R(-2, 1), S(3, 4), T(6, -1), and U(1, -4) (x, y) → (x – 4, y – 1)	5- 4- 3- 2- 1-	• • •
•		-6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 x	• • •
• • • •	8.G.3	-4- -5- -6-	• • •









Exit Slip	
Name: Match each of the descriptions with the	Date:
representation of the transformations:1. Reflection over the x-axis2. Rotation 90 degrees CC3. Translation 2 left and 2 up4. Rotation 180 degrees5. Reflection over the y-axis6. 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)

Exit Slip	
Name:	Date:
Match each of the descriptions with the representation of the transformations:	e correct algebraic
1. Reflection over the x-axis	A. (-x, -y)
2. Rotation 90 degrees CC	B. (x, -y)
3. Translation 2 left and 2 up	C. $(x+2, y-2)$
4. Rotation 180 degrees	D. (-y, x)
5. Reflection over the y-axis	E. (x-2, y+2)
6. Translation 2 right and 2 down	F. (-x, y)

Exit Slip	
Name:	Date:
Match each of the descriptions with the representation of the transformations:	correct algebraic
1. Reflection over the x-axis	A. (-x, -y)
2. Rotation 90 degrees CC	B. (x, -y)
3. Translation 2 left and 2 up	C. (x+2, y – 2)
4. Rotation 180 degrees	D. (-y, x)
5. Reflection over the y-axis	E. (x-2, y+2)
6. Translation 2 right and 2 down	F. (-x, y)
3.G.3	

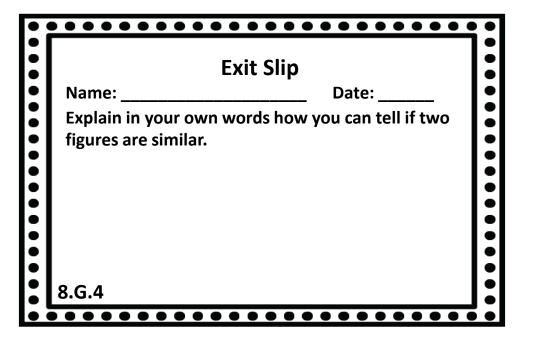
Match each of the descriptions with the correct algebraic representation of the transformations: 1. Reflection over the x-axis2. Rotation 90 degrees CC3. Translation 2 left and 2 up4. Rotation 180 degrees5. Reflection over the y-axis6. Translation 2 right and 2 down6. Translation 2 right and 2 down	Exit Slip	
representation of the transformations: 1. Reflection over the x-axis2. Rotation 90 degrees CC3. Translation 2 left and 2 up4. Rotation 180 degrees5. Reflection over the y-axis6. Translation 2 right and 2 down6. Translation 2 right and 2 down		
F. (-x, y)	1. Reflection over the x-axis2. Rotation 90 degrees CC3. Translation 2 left and 2 up4. Rotation 180 degrees	B. (x, -y) C. (x+2, y - 2) D. (-y, x)

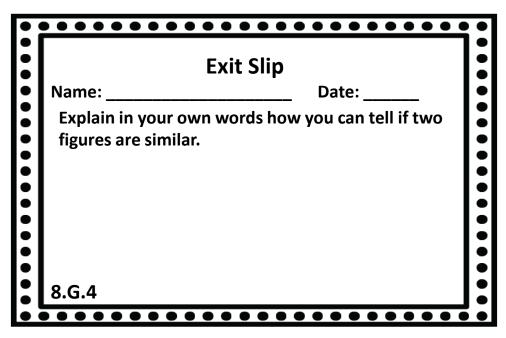
•		
	Exit Slip	•
•	Name: Date:	•
•	Determine if the following statements are true or false. If the statement is false provide an example of why.	
	1. All similar figures are also congruent figures.	
•	2. All congruent figures are also similar figures.	•
	8.G.4	

•			
	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:
	ng statements are true or false. If ovide an example of why.
1. All similar figure	es are also congruent figures.
2. All congruent fig	gures are also similar figures.
8.G.4	

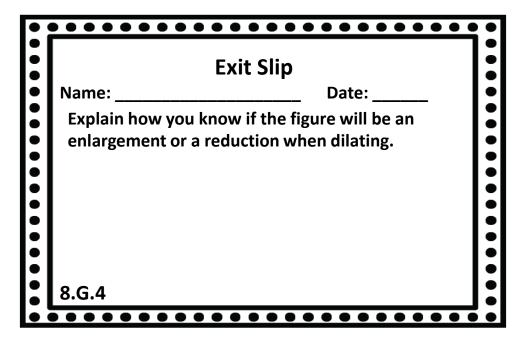




	Exit Slip
Name:	Date:
Explain in your ow figures are similar	yn words how you can tell if two
8.G.4	

•	Fruit Clin		
	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.	
	chargement of a readerion when anathig.	
	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	

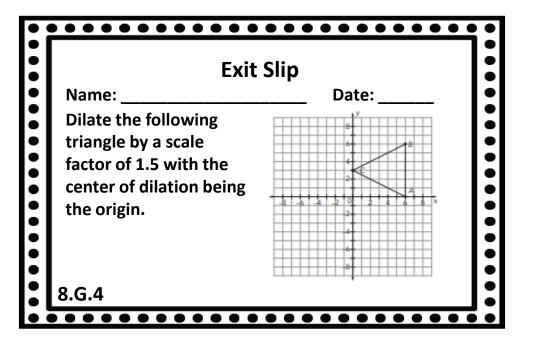
•	•••••	•
	Exit Slip	•
•	Name: Date:	•
•	Explain how you know if the figure will be an	•
•	enlargement or a reduction when dilating.	•
•		•
		•
•		•
•		•
	8.G.4	

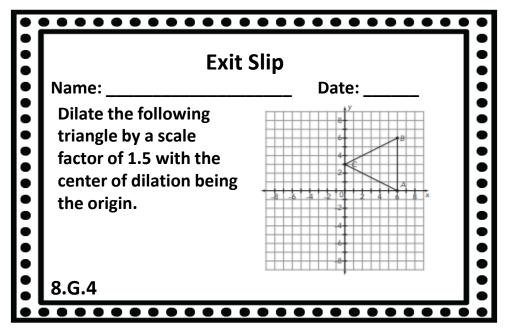
Exit Slip			
Name:	Date:		
Determi	Determine if the following scale factors would be		
an enlar	an enlargement or a reduction.		
1	Scale Factor: 4		
2	Scale Factor: $\frac{1}{3}$		
3	Scale Factor: 0.35		
4	Scale Factor $\frac{11}{4}$		
5	Scale Factor: 3.7		
8.G.4			

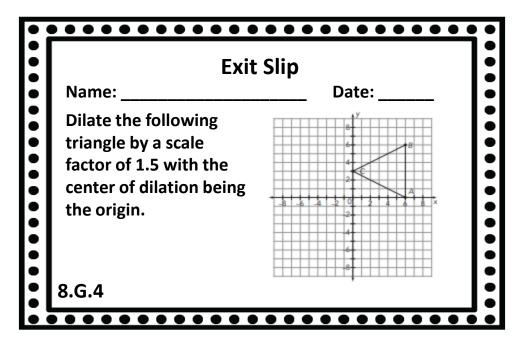
Exit Slip		
Name: _	Date:	
Determine if the following scale factors would be		
an enlargement or a reduction.		
1	Scale Factor: 4	
2	Scale Factor: $\frac{1}{3}$	
3	Scale Factor: 0.35	
4	Scale Factor $\frac{11}{4}$	
5	Scale Factor: 3.7	
8.G.4		

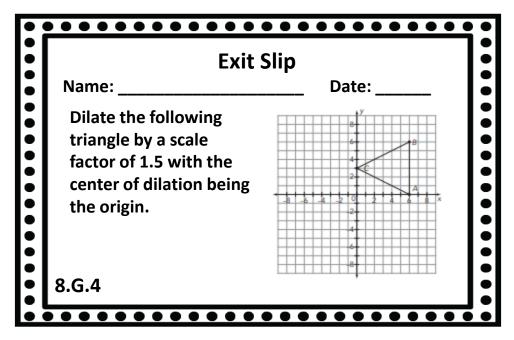
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•	Exit Slip	
•	Name: Date:	•
	Determine if the following scale factors would be	•
•	an enlargement or a reduction.	Ĭ
	1 Scale Factor: 4	!
•	2 Scale Factor: $\frac{1}{3}$	•
	3 Scale Factor: 0.35	
•	4 Scale Factor $\frac{11}{4}$:
•	5 Scale Factor: 3.7	•
	8.G.4	
		•

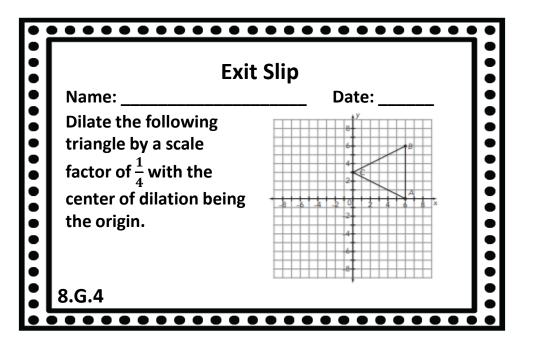
Exit Slip		
Name: _	Date:	ı
Determine if the following scale factors would be an enlargement or a reduction.		
1	Scale Factor: 4	ı
2	$\underline{\qquad}$ Scale Factor: $\frac{1}{3}$	ı
3	Scale Factor: 0.35	ı
4	$\underline{\hspace{1cm}}$ Scale Factor $\frac{11}{4}$	ı
5	Scale Factor: 3.7	I
8.G.4		

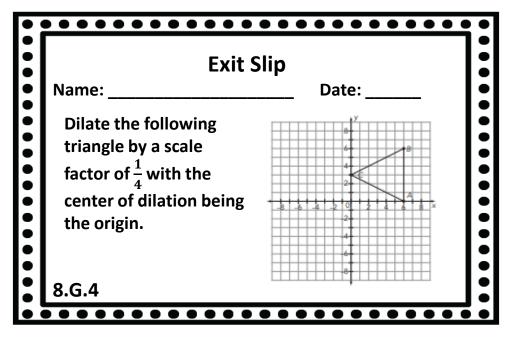




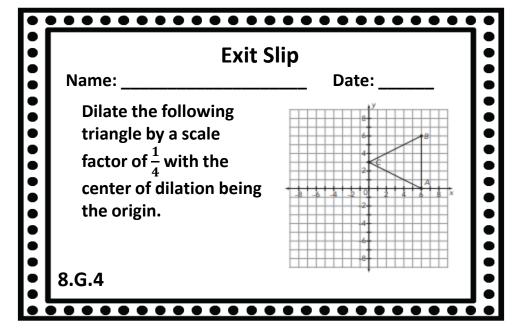


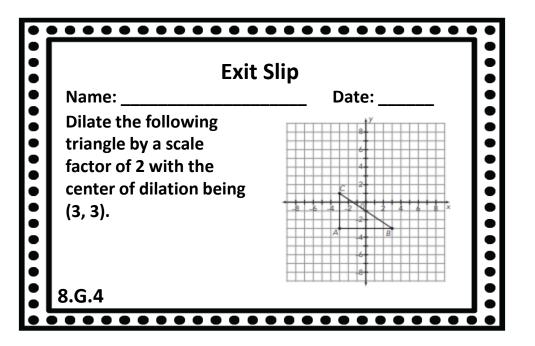


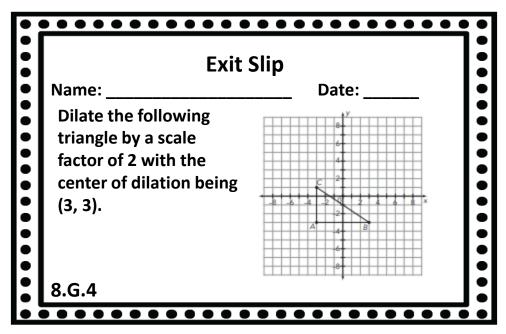


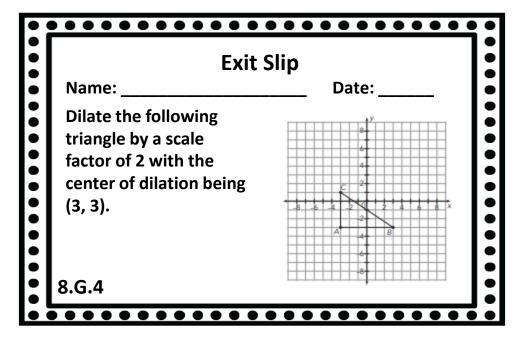


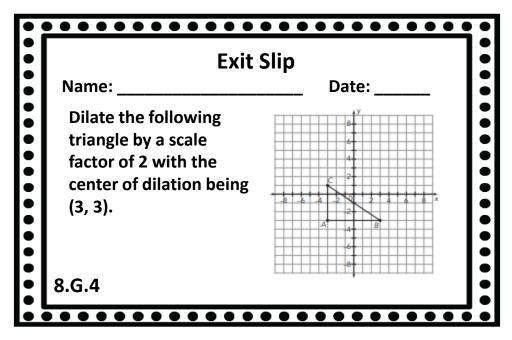
	Exit SI	ip
	Name:	Date:
•••••••	Dilate the following triangle by a scale factor of $\frac{1}{4}$ with the center of dilation being the origin.	8 6 4 2 0 2 4 6 8 x
••••	8.G.4	

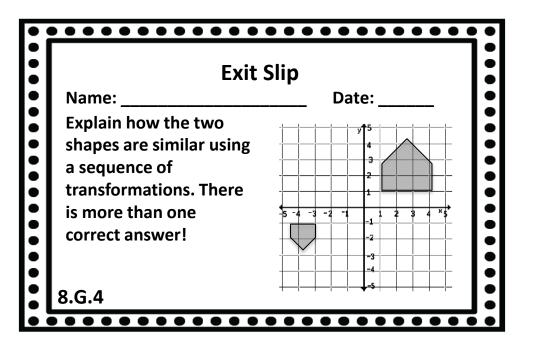


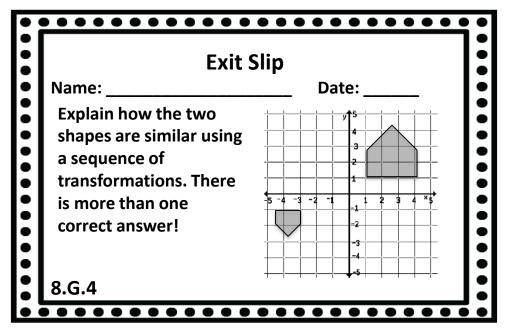




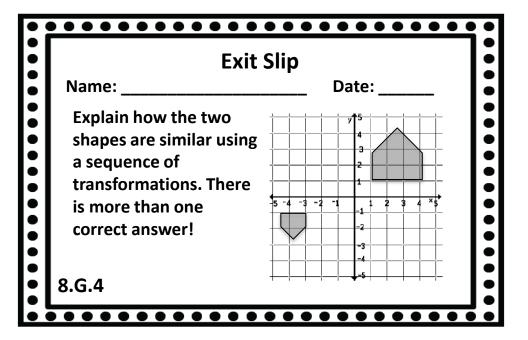


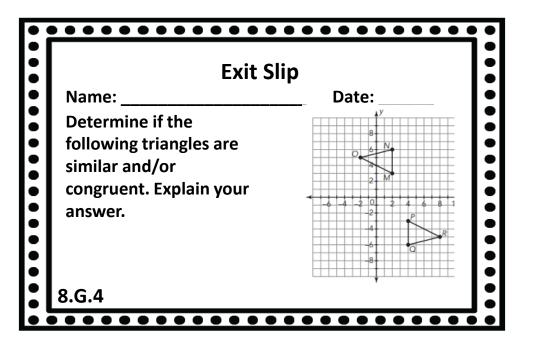


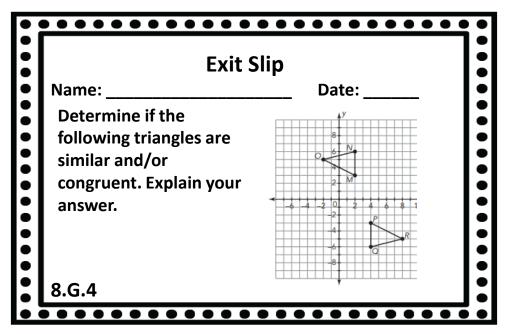


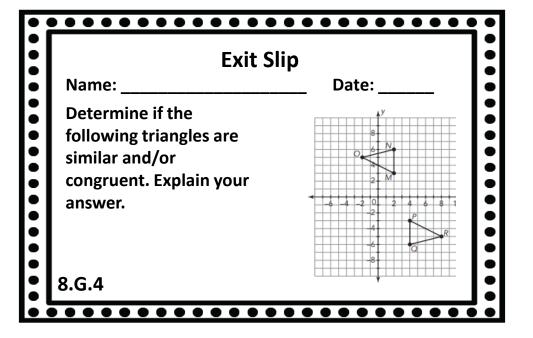


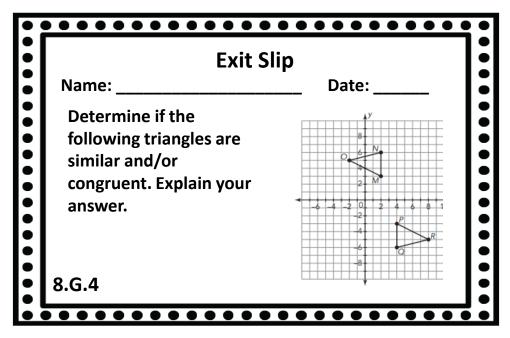
		:
	Exit Slip	:
	Name: Date:	! :
• • • • •	Explain how the two shapes are similar using a sequence of transformations. There	
• • • •	is more than one correct answer!	
	8.G.4	:
•	• • • • • • • • • • • • • • • • • • • •	

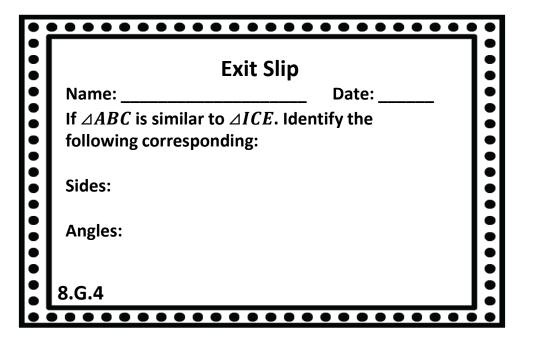








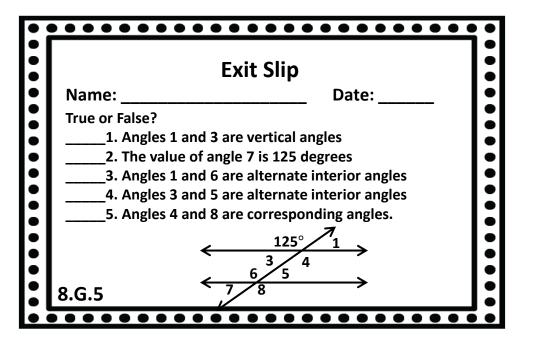




•	Exit Slip	
•	Name: Date:	•
• • • •	If $\triangle ABC$ is similar to $\triangle ICE$. Identify the following corresponding:	
• •	Sides:	•
•	Angles:	•
	8.G.4	

•	Exit Slip	•
•	Name: Date:	•
•••••	If $\triangle ABC$ is similar to $\triangle ICE$. Identify the following corresponding:	••••
	Sides:	•
	Angles:	
	8.G.4	
•	• • • • • • • • • • • • • • • • • • • •	•

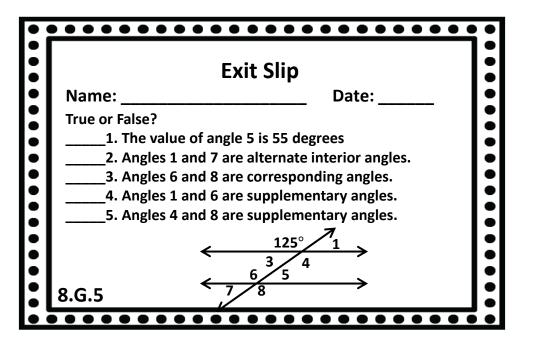
•	Exit Slip	
	Name: Date: Date: If $\triangle ABC$ is similar to $\triangle ICE$. Identify the following corresponding:	
	Sides:	
	Angles:	
	8.G.4	



•		
	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.	•
	<u>125°∕1</u>	
•	$6\frac{3}{5}4$	•
:	8.G.5	•

	5 ': al'		
	Exit Slip		
Name:	Date:		
True or False?	,		
1. Angle	es 1 and 3 are vertical angles		
2. The v	alue of angle 7 is 125 degrees		
3. Angle	3. Angles 1 and 6 are alternate interior angles		
4. Angle	4. Angles 3 and 5 are alternate interior angles		
5. Angle	es 4 and 8 are corresponding angles.		
	125° / 1		
	3/4		
	6/5		
8.G.5	7/8		
	<u> </u>		

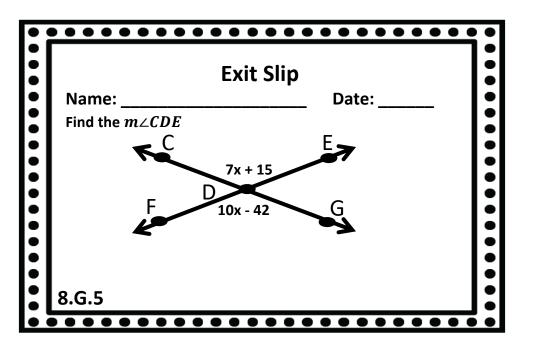
	•••••
E:	xit Slip
Name:	Date:
True or False?	
1. Angles 1 and 3 ar	e vertical angles
2. The value of angl	e 7 is 125 degrees
3. Angles 1 and 6 ar	e alternate interior angles
4. Angles 3 and 5 ar	e alternate interior angles
5. Angles 4 and 8 ar	e corresponding angles.
	125° /1 ,
←	3/4
	6/5
8.G.5	/ 8

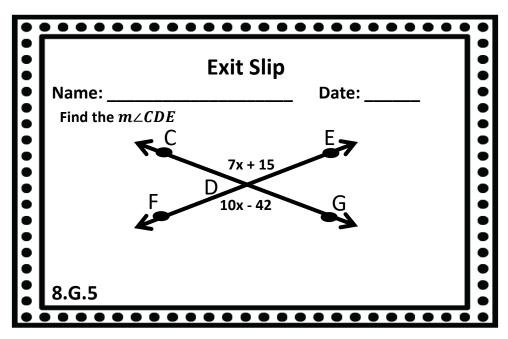


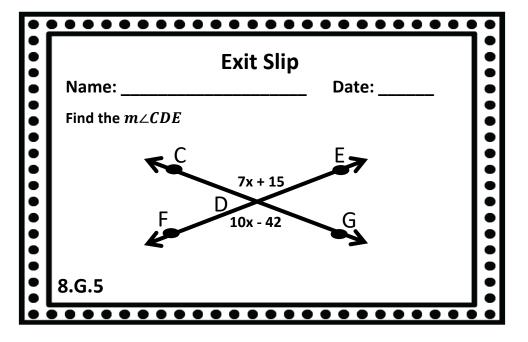
•		
	Exit Slip	•
•	Name: Date:	•
:	True or False?	•
•	1. The value of angle 5 is 55 degrees	•
•	2. Angles 1 and 7 are alternate interior angles.	•
	3. Angles 6 and 8 are corresponding angles.	•
•	4. Angles 1 and 6 are supplementary angles5. Angles 4 and 8 are supplementary angles.	•
•	7	!
•	$\leftarrow \frac{125^{\circ}}{3}$	•
•	$6\overset{3}{5}\overset{4}{5}$	•
	8.G.5	

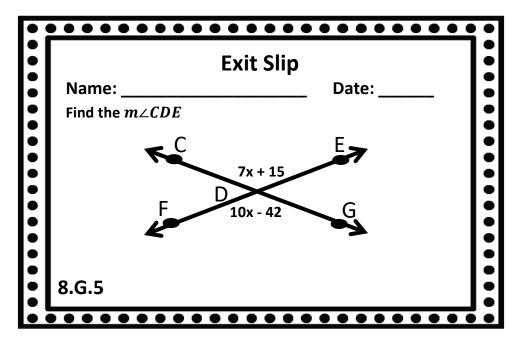
	Exit Slip	
Name:	Date:	
True or False?		
1. The value of	f angle 5 is 55 degrees	
2. Angles 1 and	d 7 are alternate interior angles.	
3. Angles 6 and	d 8 are corresponding angles.	
4. Angles 1 and 6 are supplementary angles.		
5. Angles 4 and	d 8 are supplementary angles.	
	125° / 1	
	3/4	
←	6/5	
8.G.5	1/8	
	<u>k</u>	

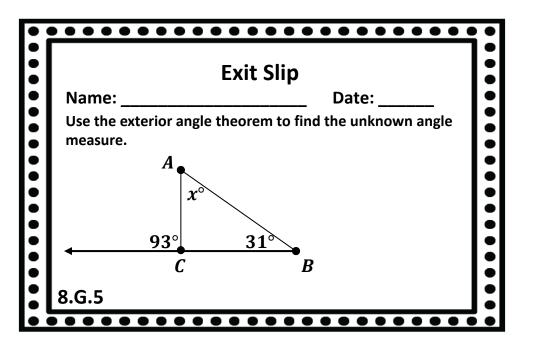
•	• • • • • • • • • • • • • • • • • • • •	
	Exit Slip	•
•	Name: Date:	•
•	True or False?	•
	1. The value of angle 5 is 55 degrees	•
	2. Angles 1 and 7 are alternate interior angles.	•
•	3. Angles 6 and 8 are corresponding angles.	•
•	4. Angles 1 and 6 are supplementary angles.	•
•	5. Angles 4 and 8 are supplementary angles.	•
	125° / 1	•
•	3/4	•
	$\leftarrow \frac{6/5}{7/2}$	•
	8.G.5	:

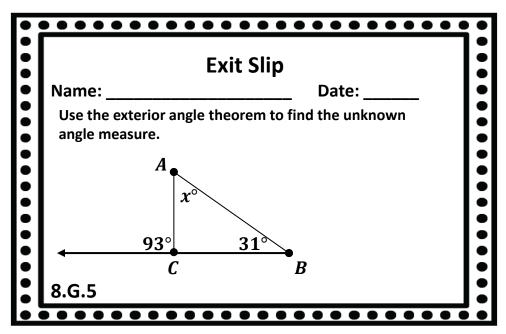


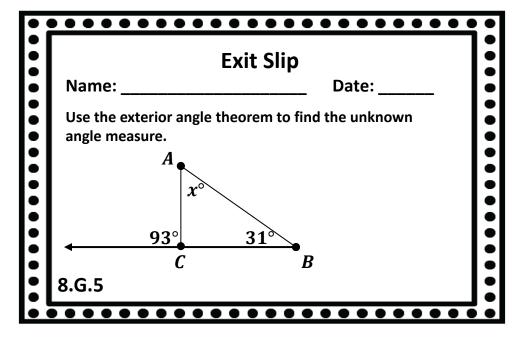


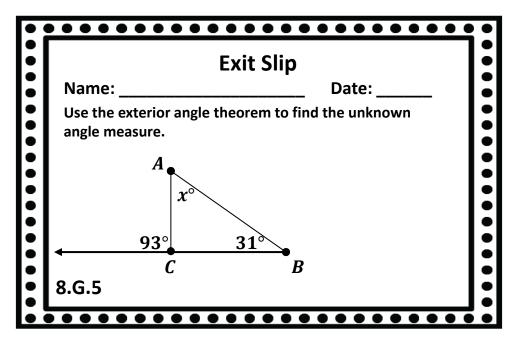


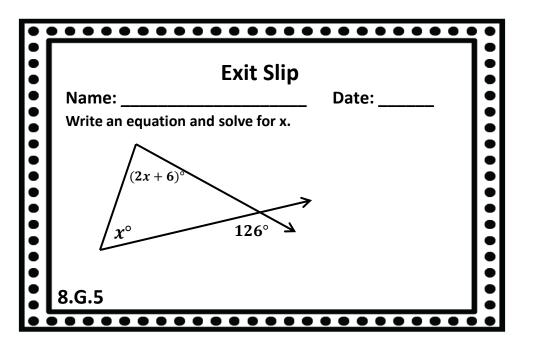


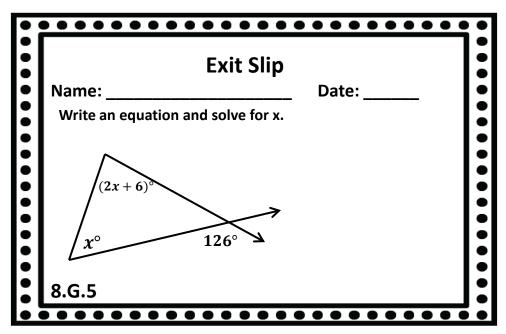












•	• • • • • • • • • • • • • • • • • • • •	•
	Exit Slip	
•	Name: Date:	•
	Write an equation and solve for x.	
•••••••	$\sqrt{(2x+6)^{\circ}}$	• • •
	126° ×	•
	8.G.5	•

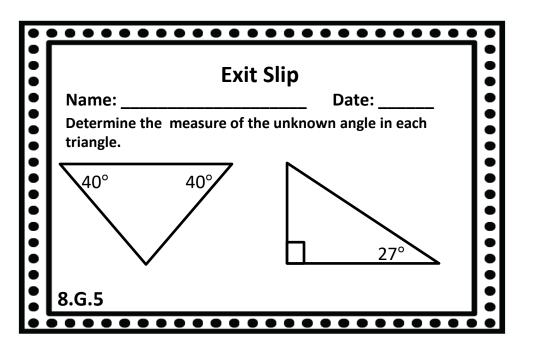
	Exit Slip		1
Name:		Date:	ı
Write an equation	and solve for x.		I
$(2x+6)^{\circ}$	126° \(\)		
8.G.5			ı

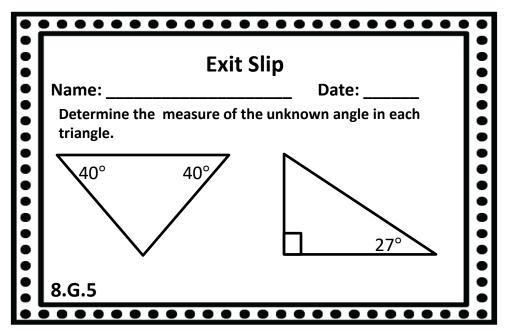
Exit Slip Name: ______ Date: ____ Fill in the blanks with the correct vocabulary term: 1. The ______ states that the sum of the measures of the interior angles of a triangle is 180 degrees. 2. The _____ states that the measure of an exterior angle of a triangle is equal to the sum of the measures of the remote interior angles of the triangle. 8.G.5

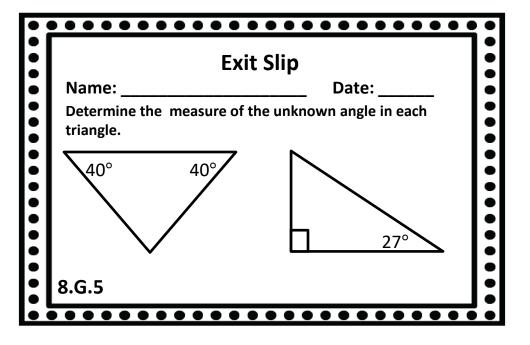
: [Ī:
•	Exit Slip	- 18
● Na	ame: Date:	1
	ill in the blanks with the correct vocabulary term: The states that the sum of the measures of the interior angles of a triangle is 180 degrees.	
	2. The states that the measure of an exterior angle of a triangle is equal to the sum of the measures of the remote interior angles of the triangle. 4.6.5	

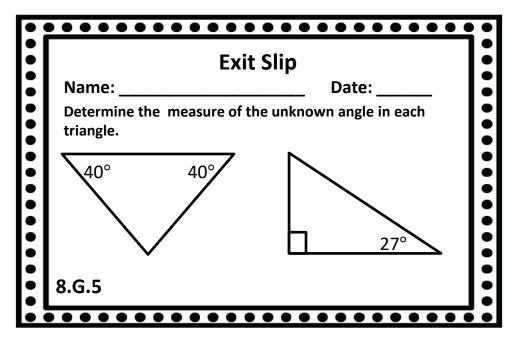
	Exit Slip
Name:	Date:
Fill in the blanks	with the correct vocabulary term:
	states that the sum of the the interior angles of a triangle is 180
an exterior ar	states that the measure of ngle of a triangle is equal to the sum res of the remote interior angles of
8.G.5	

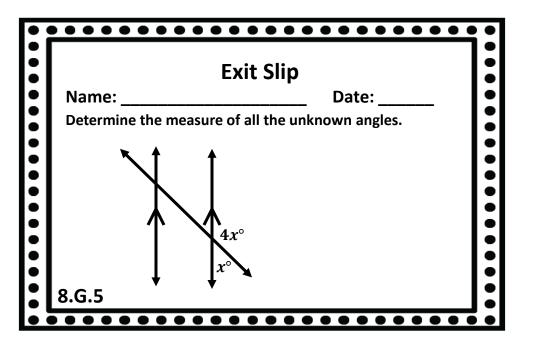
	Exit Slip
Name:	Date:
1. The	with the correct vocabulary term: states that the sum of the he interior angles of a triangle is 180
an exterior an	states that the measure of gle of a triangle is equal to the sum es of the remote interior angles of

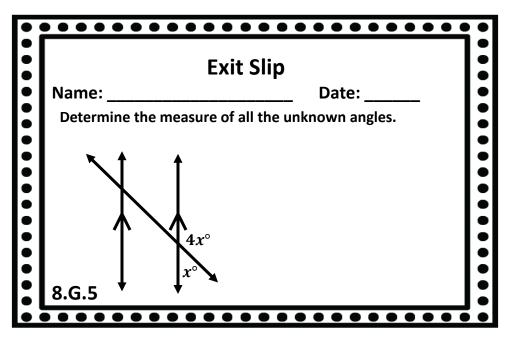




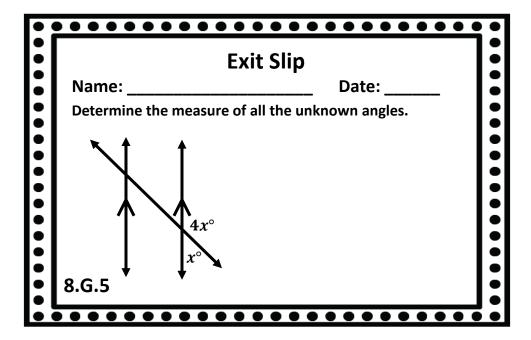


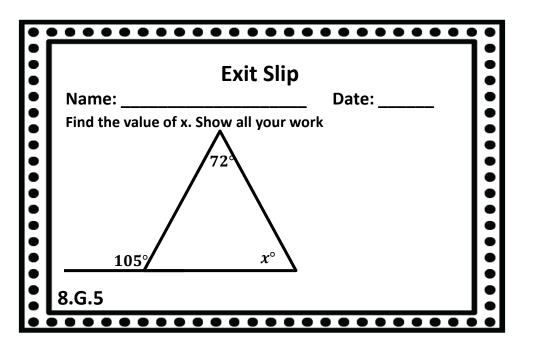


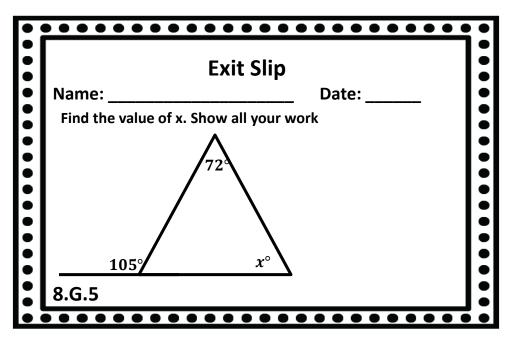


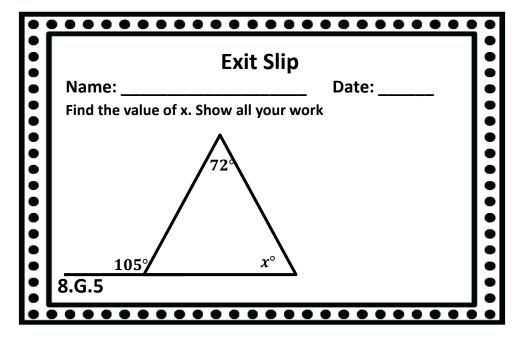


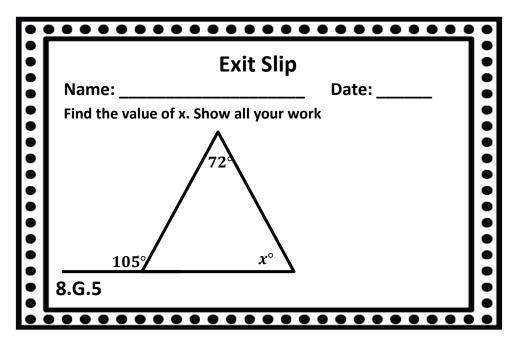
	Exit Slip	
•	Name: Date:	•
	Determine the measure of all the unknown angles.	
	▼ ↑ ↑	•
		•
	h h 1 1 1 1 1 1 1 1 1 1	
:1	$4x^{\circ}$	9
•	$\downarrow x^{\circ}$	•
	8.G.5	
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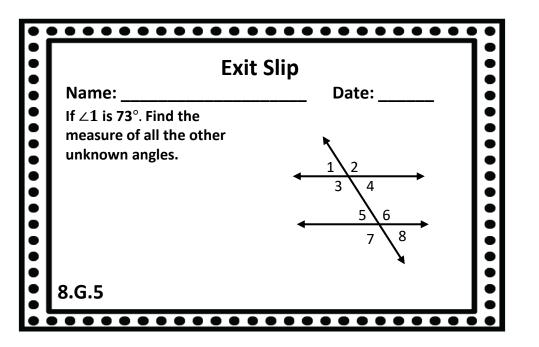


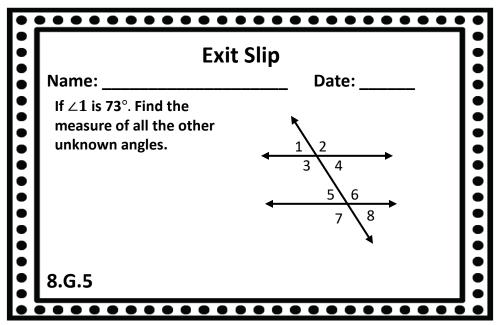




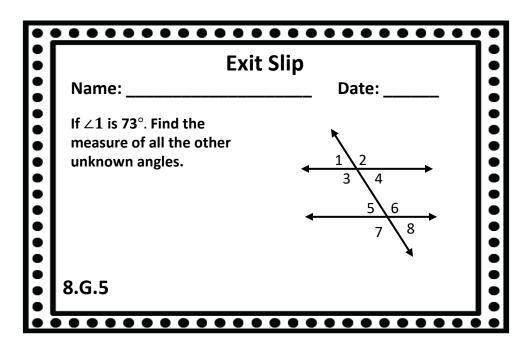


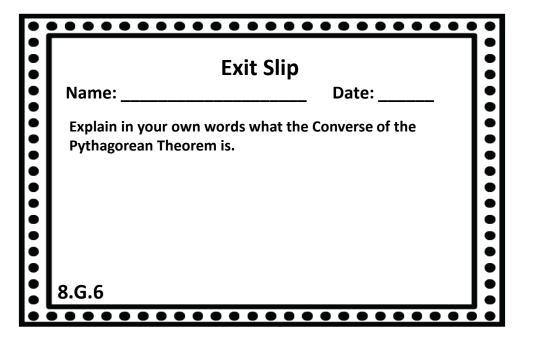


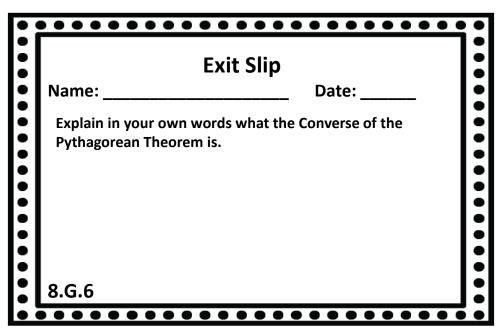




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	Name:	Date:	
•••••••	If ∠1 is 73°. Find the measure of all the other unknown angles.	1 2 3 4 5 6 7 8	••••••
	8.G.5		
		••••••	•

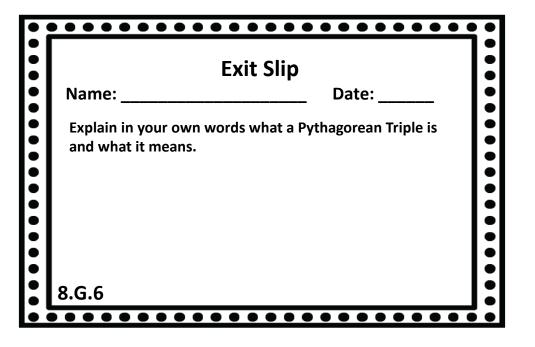


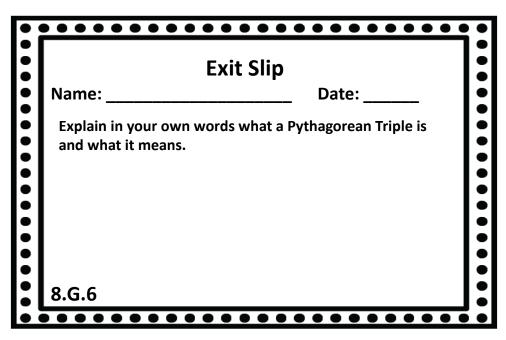




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Name:	Date:
Explain in your ow Pythagorean Theor	n words what the Converse of the rem is.
8.G.6	

	Evit Clin	
	Exit Slip Name: Date:	
•	Explain in your own words what the Converse of the	•
•	Pythagorean Theorem is.	
•		•
•		
•	8.G.6	•
•		





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Name:	Date:
Explain in your own we and what it means.	ords what a Pythagorean Triple is
8.G.6	
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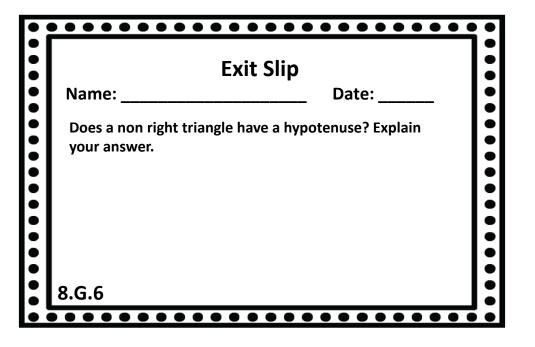
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•	Exit Slip	
•	Name: Date:	•
	Explain in your own words what a Pythagorean Triple is and what it means.	
		:
	8.G.6	:
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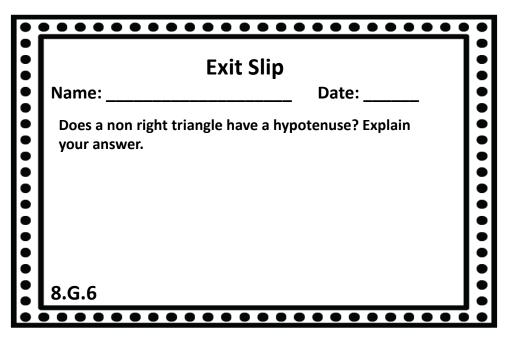
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	Exit Slip	
•	Name: Date:	•
•••••••••	Fill in the blank: The Converse of the Pythagorean Theorem is used to determine if triangles are triangles.	••••••••
	8.G.6	•
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Name: Date: Fill in the blank: The Converse of the Pythagorean Theorem is used to determine if triangles are triangles.	
8.G.6	

•	<u>•••••••</u>		
•	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	•	

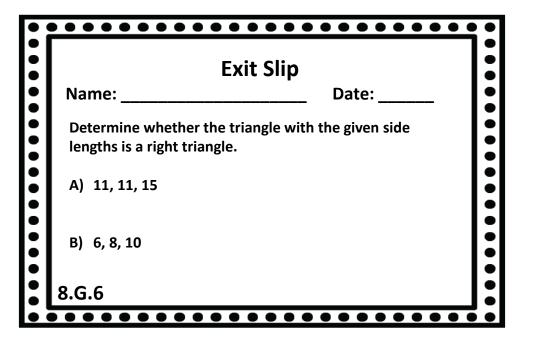
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	Fill in the blank:	1
	The Converse of the Pythagorean Theorem is used to determine if triangles are	
	triangles.	3
		ŀ
	9.6.6	ŀ
	8.G.6	





•	Exit Slip	
•	Name: Date:	
••••••••	Does a non right triangle have a hypotenuse? Explain your answer.	••••••
•	8.G.6	
•		

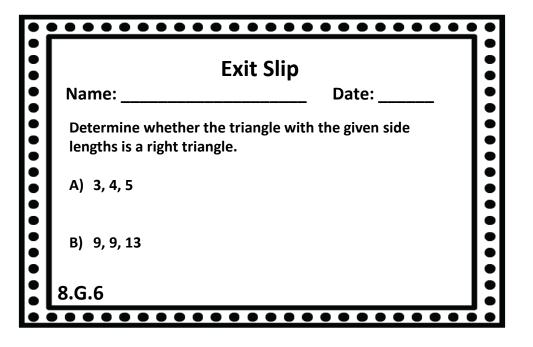
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	Exit Slip	
•	Name: Date:	•
	Does a non right triangle have a hypotenuse? Explain your answer.	
	9 C 6	
	8.G.6	



• •		
•	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	•

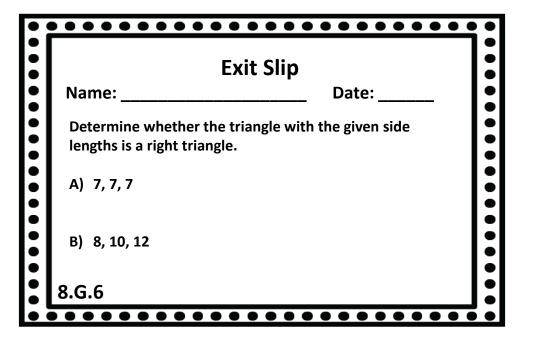
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	Exit Slip
Name:	Date:
Determine whether the lengths is a right triangl	e triangle with the given side le.
Determine whether the lengths is a right triangl A) 11, 11, 15	
B) 6, 8, 10	
8.G.6	
• • • • • • • •	•••••••••••



• •		
	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	
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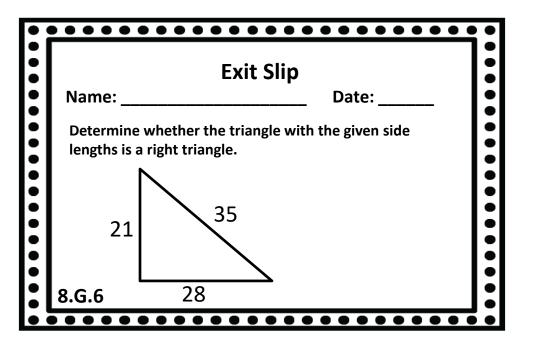
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Determine whether the triangle with the given side lengths is a right triangle.	
A) 3, 4, 5	
B) 9, 9, 13	
8.G.6	

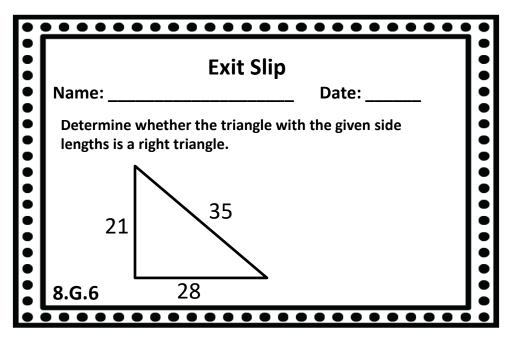


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	Exit Slip	
•	Name: Date:	•
•	Determine whether the triangle with the given side lengths is a right triangle.	
•	A) 7,7,7	
	B) 8, 10, 12	
	8.G.6	

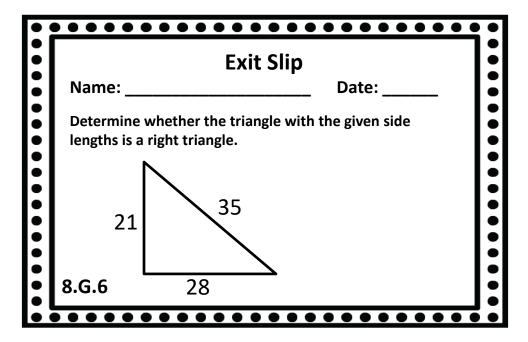
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	Name: Date:	
••••••	Determine whether the triangle with the given side lengths is a right triangle.	•
	A) 7,7,7	
	B) 8, 10, 12	
	8.G.6	

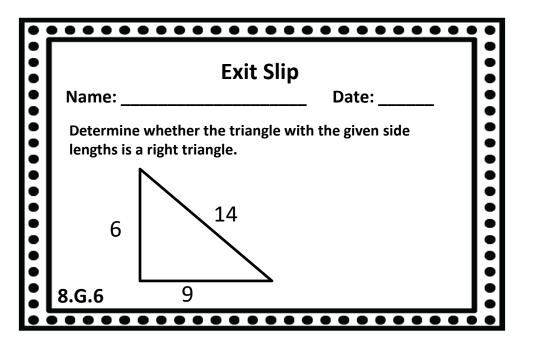
Ex	kit Slip
Name:	Date:
Determine whether the tri lengths is a right triangle.	iangle with the given side
A) 7,7,7	
B) 8, 10, 12	
8.G.6	
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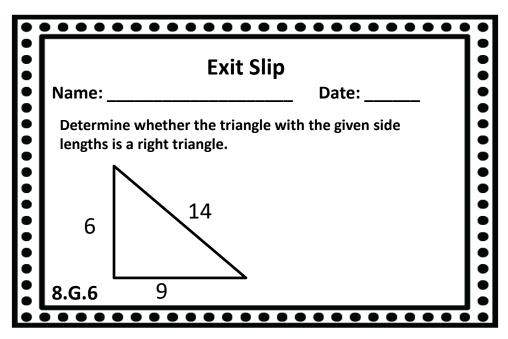




	Exit Slip	•
	Name: Date:	•
•••••••	Determine whether the triangle with the given side lengths is a right triangle.	••••••
	8.G.6 28	
	• • • • • • • • • • • • • • • • • • • •	

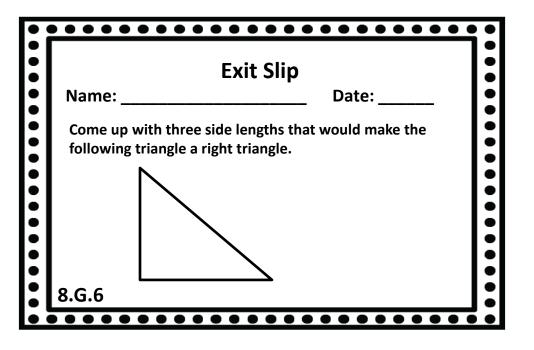


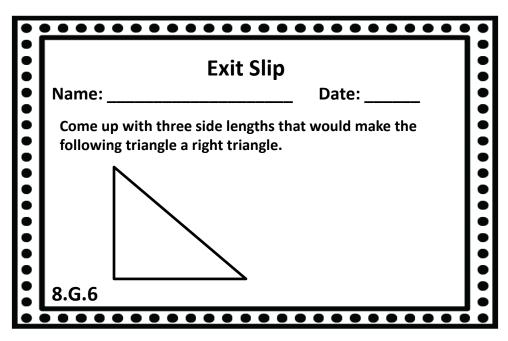




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	Name:	Date:	•
••••••	Determine whether the triangle with lengths is a right triangle.	the given side	••••••
	8.G.6 9		•
	•••••		•

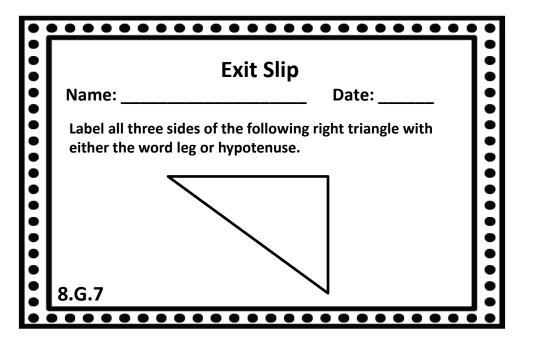
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•		e whether the triangle with the given side a right triangle.	•
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	8.G.6	9	•

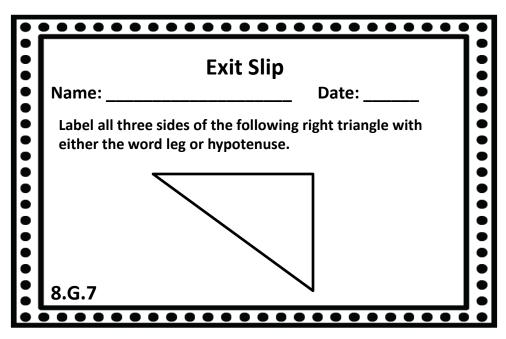


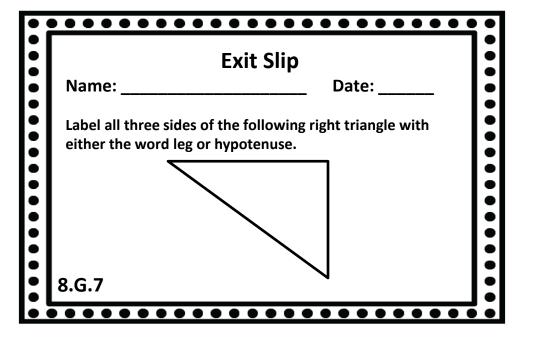


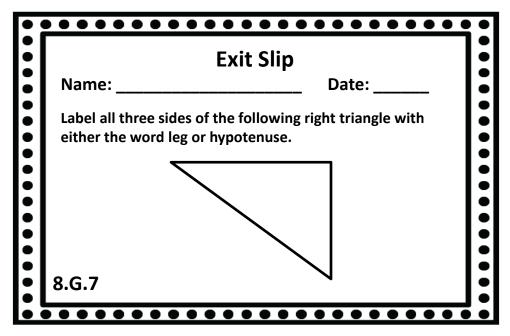
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	Name: Date:	•
••••••••	Come up with three side lengths that would make the following triangle a right triangle. 8.G.6	•••••••
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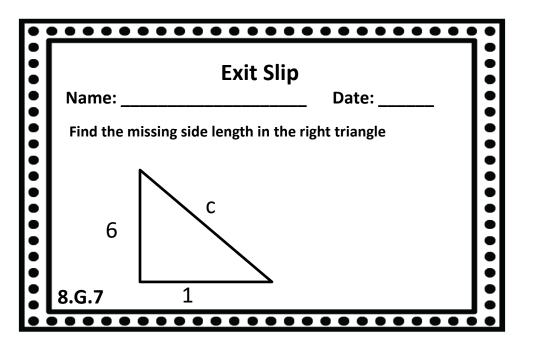
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8.G.6	
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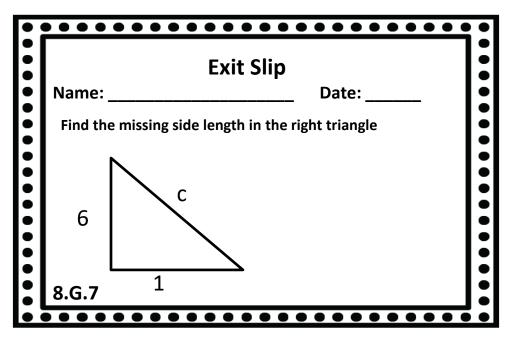






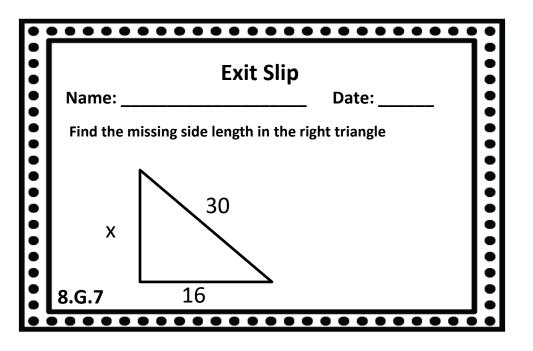


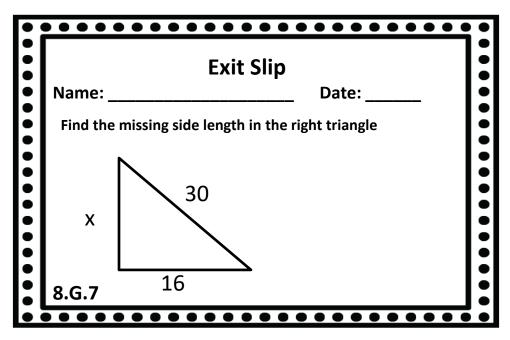




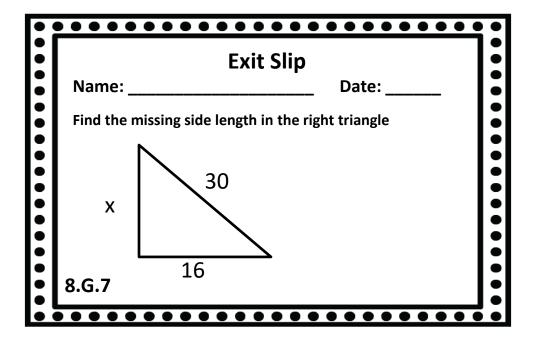
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	Name: Date:	
	Find the missing side length in the right triangle	
• • • •	6 c	
	8.G.7	

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Find the	missing side length in the right triangle	•
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● 8.G.7	1	•
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N Fil	nd the mi	ssing side length in the right triangle
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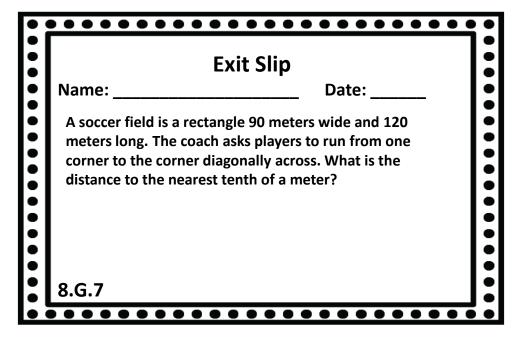
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•	Name: Date:	•	
••••••	A baseball diamond is a square with sides of 90 feet. What is the distance to the nearest tenth of a foot between home and second base?	••••••••	
:	8.G.7		
	• • • • • • • • • • • • • • • • • • • •	•	

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•	Exit Slip	9
	Name: Date:	3
	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	8

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	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	
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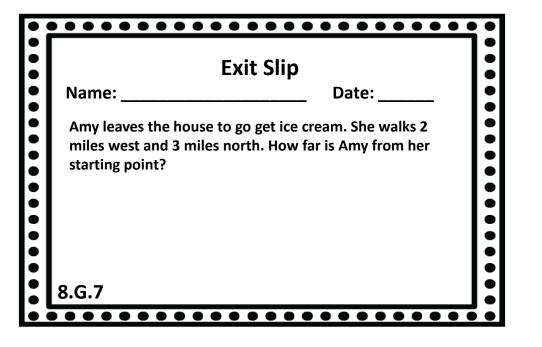
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	Exit Slip	
•	Name: Date:	•
•	A baseball diamond is a square with sides of 90 feet.	•
•	What is the distance to the nearest tenth of a foot between home and second base?	•
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	8.G.7	•

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	Exit Slip		
Na	me: Date:		
me cor	soccer field is a rectangle 90 meters wide and 120 eters long. The coach asks players to run from one rner to the corner diagonally across. What is the stance 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	•

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Name:	Date:
meters long. The co corner to the corner	ectangle 90 meters wide and 120 ach asks players to run from one r diagonally across. What is the rest 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?	• • • •
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	8.G.7	
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	Exit Slip
Name:	Date:
•	e to go get ice cream. She walks 2 es north. How far is Amy from her
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	
•		

•	<u>••••••</u> •		
	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?	000000000	
	8.G.7		
	• • • • • • • • • • • • • • • • • • • •		

E	Exit Slip
Name:	Date:
-	a right triangle has a hypotenuse asks you to find the other leg of ir answer?
8.G.7	
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	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	

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	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?	
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	8.G.7	

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	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?	
•	rength of the diagonal of the table.	•
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	8.G.7	•

Exit Slip				
Name:	Date:			
A cat is stuck on the root. If the and must be placed seven feet How high can the ladder reach save the cat?	t away from the building.			
8.G.7				
	Name:A cat is stuck on the root. If the and must be placed seven feet How high can the ladder reach save the cat?			

	Ì
Exit Slip	
Name: Date:	ľ
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?	• • • •		
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•	8.G.7	•		
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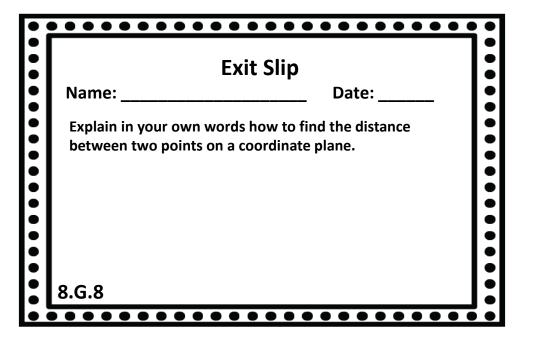
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Name:	Date:
and must be placed	root. If the ladder is 12 feet long seven feet away from the building. dder reach up the building to help
8.G.7	

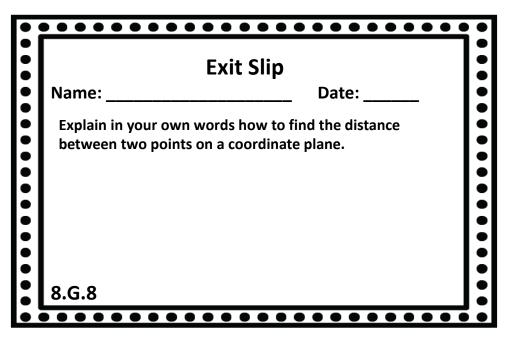
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•	Name: Date:	:1				
•••••••	A fire truck parks 16 feet away from a building. The fire truck extends its ladder 30 feet to the very top of the building. How tall is the building?					
	8.G.7					
•		•				

E	xit Slip
Name:	Date:
truck extends its ladder	t away from a building. The fire 30 feet to the very top of the
building. How tall is the	building?
8.G.7	

Exit Slip	
Name:	Date:
•	et away from a building. The fire 30 feet to the very top of the building?
9 C 7	
8.G.7	

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l	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	3.G.7

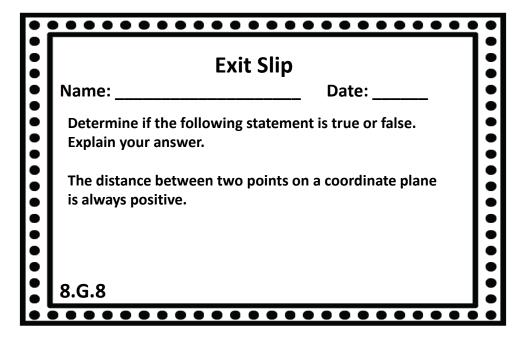




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Name:	Date:		
/ 	rds how to find the distance		
Setween two points on	a coordinate plane.	(
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8.G.8		(
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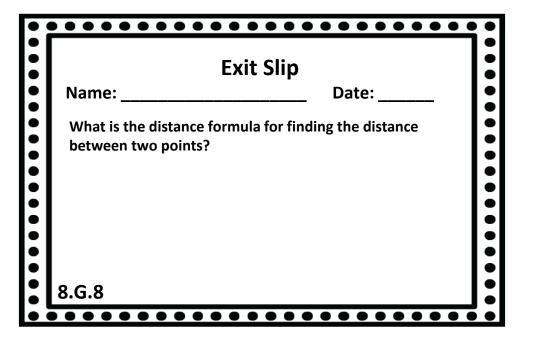
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•	Name: Date:	•			
•	Explain in your own words how to find the distance between two points on a coordinate plane.				
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	8.G.8				

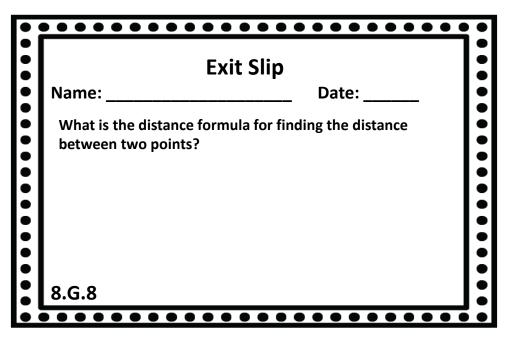
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•	Exit Slip	
•	Name: Date:	
•••••••	Determine if the following statement is true or false. Explain your answer.	
• •	The distance between two points on a coordinate plane is always positive.	
• •		•
•	8.G.8	
•		•



	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.	•		
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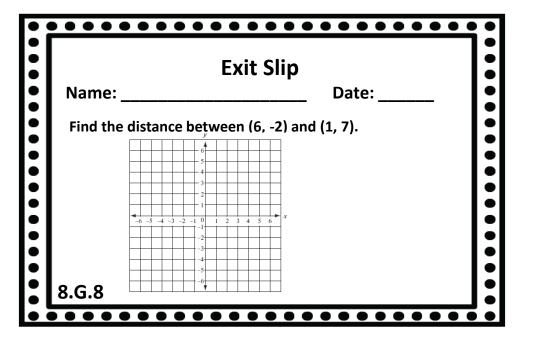
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	Exit Slip	•
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•	Determine if the following statement is true or false. Explain your answer.	•
	The distance between two points on a coordinate plane is always positive.	•
	8.G.8	
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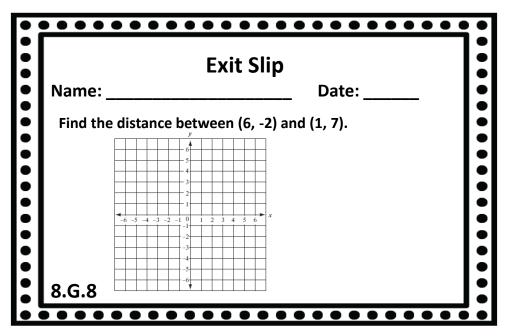




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Name:	Date:
What is the distance for between two points?	rmula for finding the distance
8.G.8	

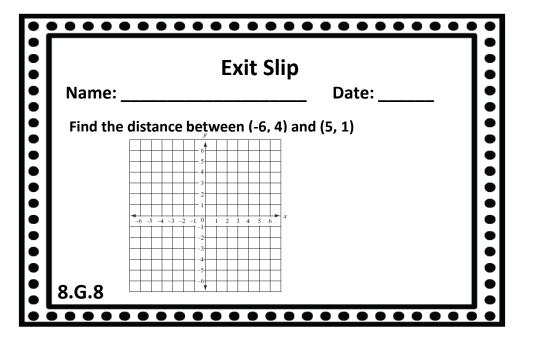
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	it Slip
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What is the distance formu between two points?	lla for finding the distance
8.G.8	

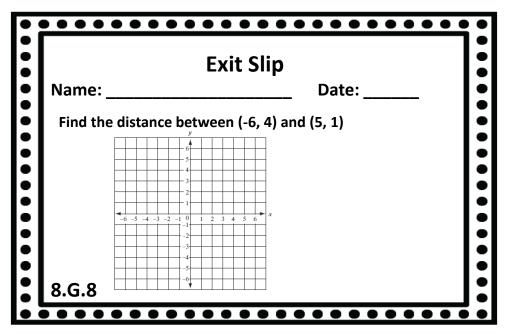




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Name:	Date:
Find the	distance between (6, -2) and (1, 7).
F	y 6
	5 4
	3 2 2
4	6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6
	-2 -3 -3
	4 -4 -5 -5
8.G.8	-6
8.G.8	-2 -3 -4 -5 -5 -6

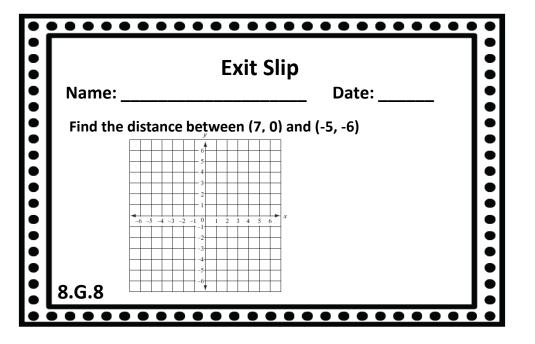
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Name Find th	e distance between (6, -2) and (1, 7).
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	-6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 x
	-6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 A
:	-3-4
8.G.8	

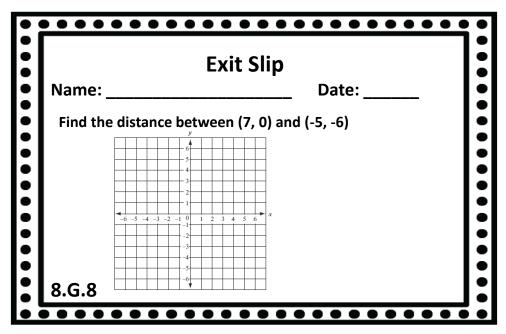




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Name	e: Date:	
Find th	ne distance between (-6, 4) and (5, 1)	
	y 61	
	5 4 4	
	3 2	
	-6-5-4-3-2-10 1 2 3 4 5 6 x	
	-2	
	-5	
8.G.8	-6	

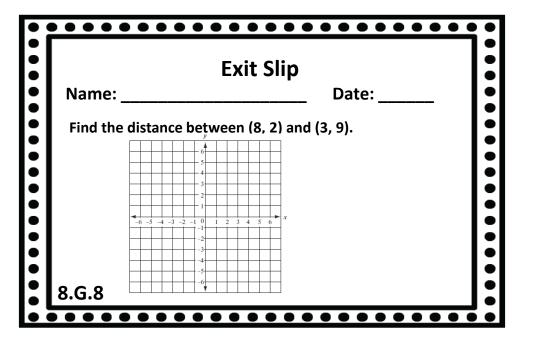
J	Exit Slip
Name:	Date:
Find the distance betwe	en (-6, 4) and (5, 1)
у Д Д Д	
-54	
3	
-6 -5 -4 -3 -2 -1 0 1 2	3 4 5 6 ×
-6 -5 -4 -3 -2 -1 0 1 2	3 4 5 6
-3	
0.00	
8.G.8	

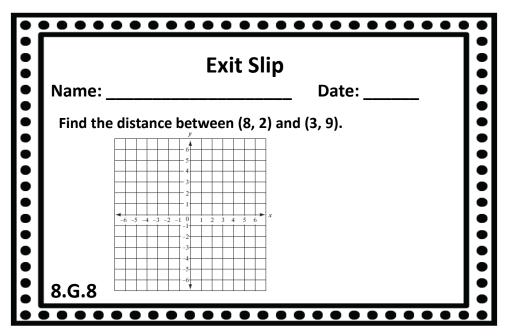




Exit Slip
e: Date:
ne distance between (7, 0) and (-5, -6)
, t
5 4 4
2
-6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 x
-3
-5

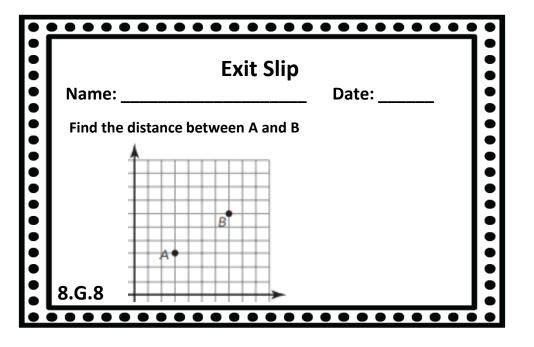
	Exit Slip
Name:	Date:
Find the distance bet	tween (7, 0) and (-5, -6)
у	
5-4-4	
3 2	
-6 -5 -4 -3 -2 -1 0	1 2 3 4 5 6 x
-1	
-5	
8.G.8	

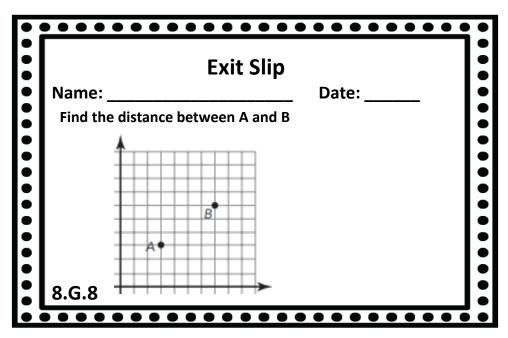


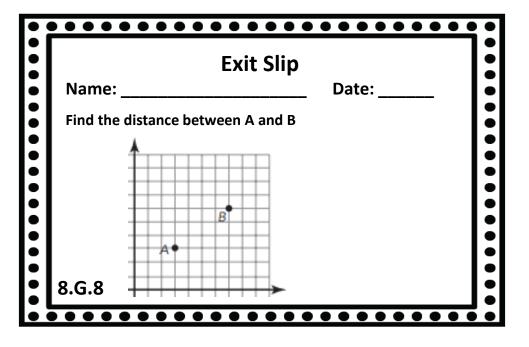


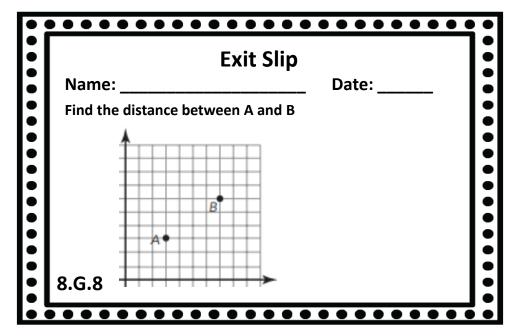
	Exit Slip
Name	e: Date:
Find th	ne distance between (8, 2) and (3, 9).
	6
	5 4
	3 2
	-6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 x
	-2
	-4
8.G.8	

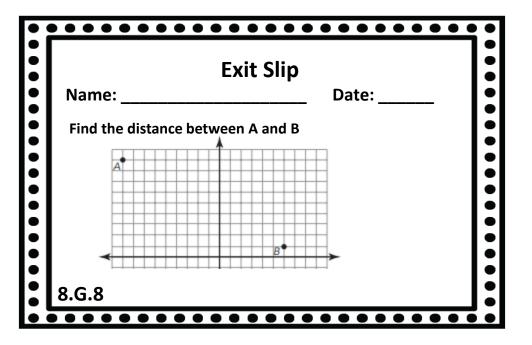
	Exit Slip
Name:	Date:
Find the	distance between (8, 2) and (3, 9).
	y 6
	5 4
	3 2 2
	-6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 x
	-1
	4
8.G.8	-6

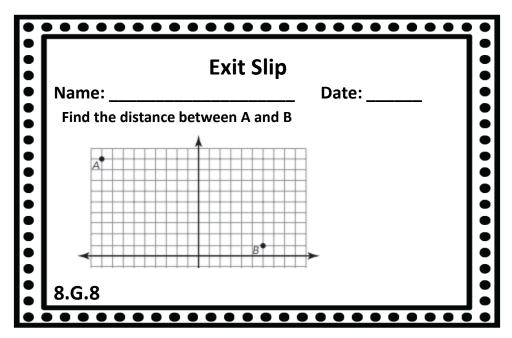


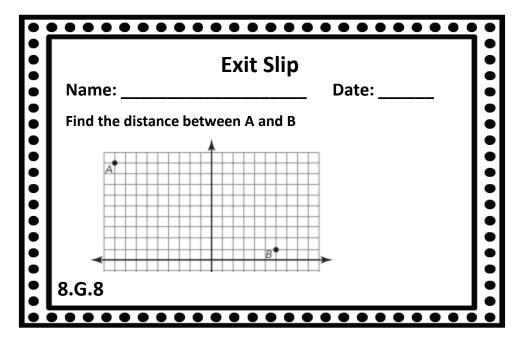


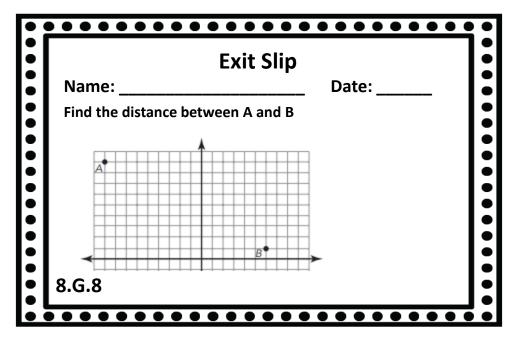


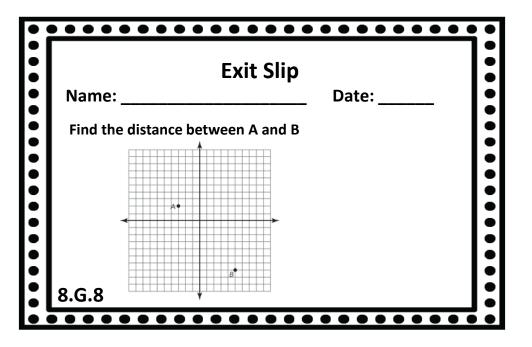


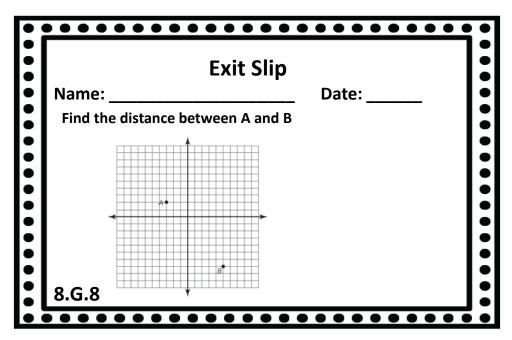




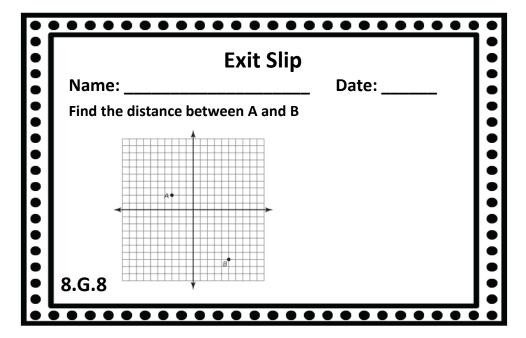


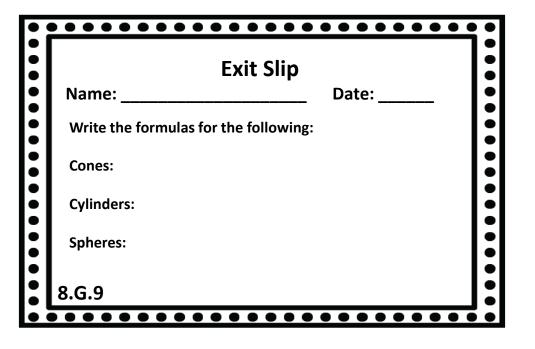






	Exit Slip	
Name:	Date:	
Find the distance b	etween A and B	
	1	
A•		
A •		
	B	
8.G.8	+	





•		
	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: _____

Match the correct formulas:

1. _____ Volume of a Cylinder

2. _____ Volume of a Cone

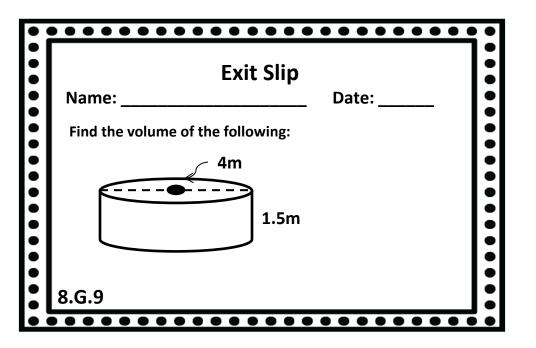
3. _____ Volume of a Sphere

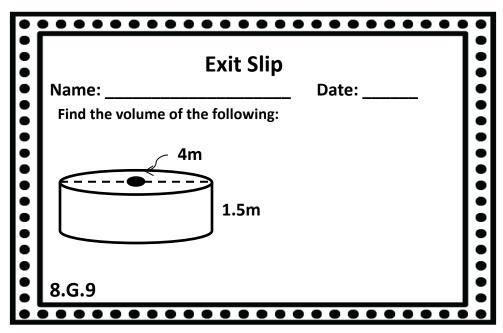
C. $V = \frac{\pi r^2 h}{3}$ 8.G.9

Exit Slip	
Name:	Date:
Match the correct formulas:	
1 Volume of a Cylinder	$A. V = \frac{4}{3}\pi r^3$
2 Volume of a Cone	B. $V=\pi r^2 h$
3 Volume of a Sphere	
<u></u>	$C. V = \frac{\pi r^2 h}{3}$
8.G.9	

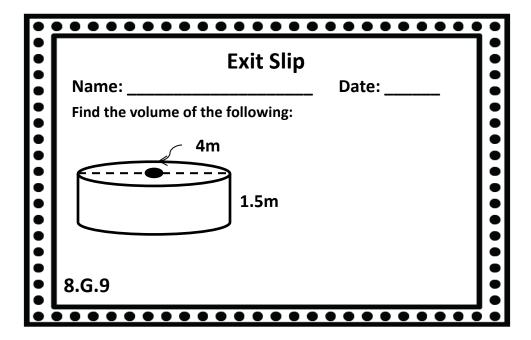
Exit Slip	
Name:	Date:
Match the correct formulas: 1 Volume of a Cylinder	A. $V=\frac{4}{3}\pi r^3$
2 Volume of a Cone	$B.V=\pi r^2h$
3 Volume of a Sphere	C. $V = \frac{\pi r^2 h}{3}$
8.G.9	

Exit Slip		•
Name:	Date:	•
Match the correct formulas: 1 Volume of a Cylinder	$A. V = \frac{4}{3}\pi r^3$	•
2 Volume of a Cone	$B.V=\pi r^2h$	•
3 Volume of a Sphere		
	$C. V = \frac{\pi r^2 h}{3}$	•
8.G.9		• • •

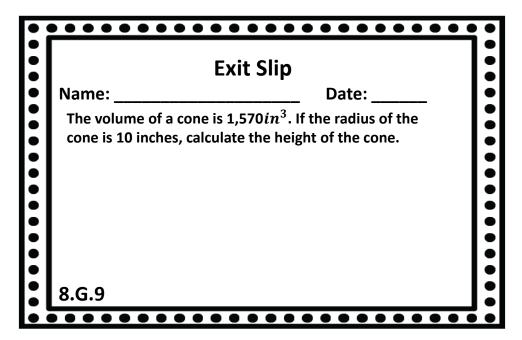




Exit Slip	
Name: Date:	ŀ
Find the volume of the following:	
√ 4m	ľ
	Ŀ
1.5m	ŀ
	ľ
8.G.9	1
	Name: Date: Find the volume of the following: 4m 1.5m

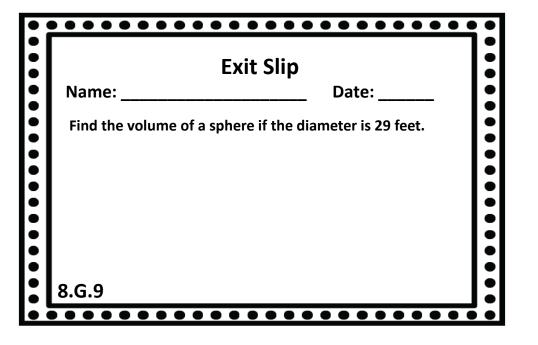


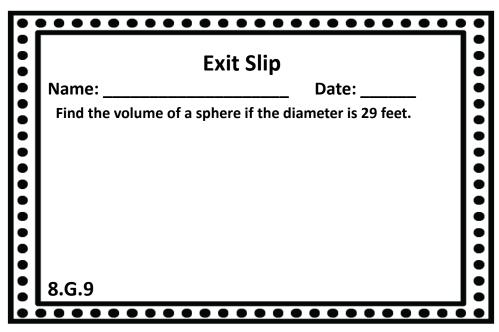
• • • • • • • • •	
	Exit Slip
• Name:	Date:
A I	one is 1,570 in^3 . If the radius of the calculate the height of the cone.
8.G.9	
• • • • • • • •	••••••••



	Exit Slip
Name:	Date:
	$5.1,570in^3$. If the radius of the late the height of the cone.
8.G.9	

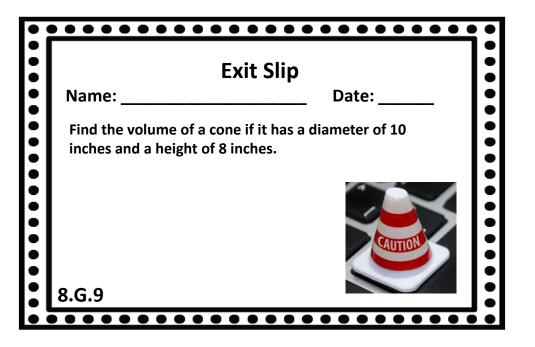
	Exit Slip
Name:	Date:
	ne is 1,570 in^3 . If the radius of the alculate the height of the cone.
8.G.9	

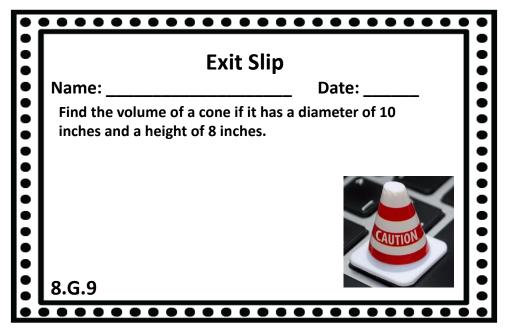




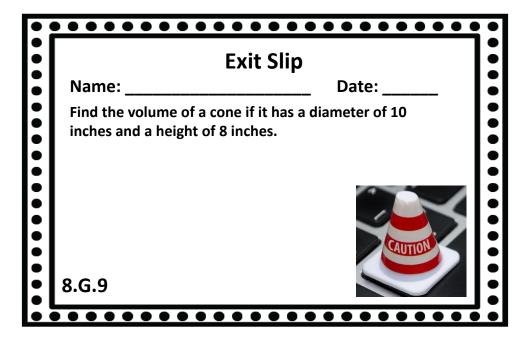
	Exit Slip
Name:	Date:
Find the volume of a sp	ohere if the diameter is 29 feet.
8.G.9	

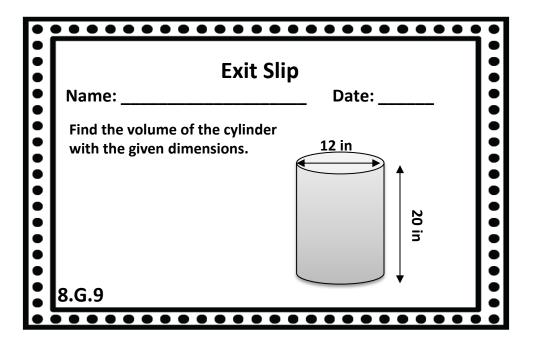
₽	exit Slip
Name:	Date:
Find the volume of a sph	ere if the diameter is 29 feet.
Name:Find the volume of a sph	
8.G.9	

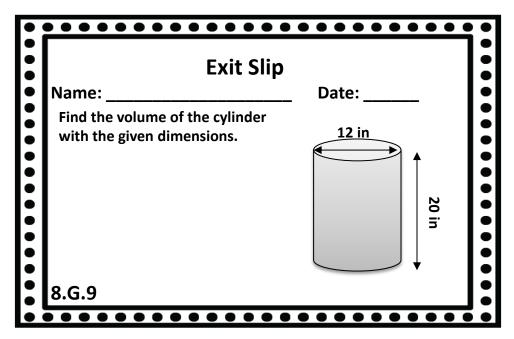


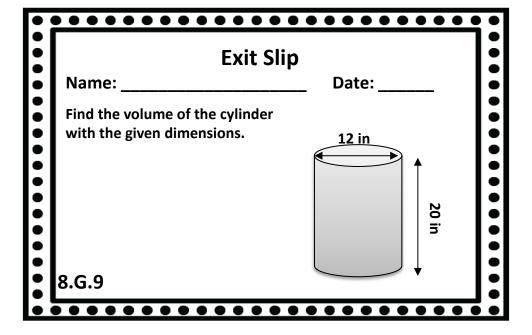


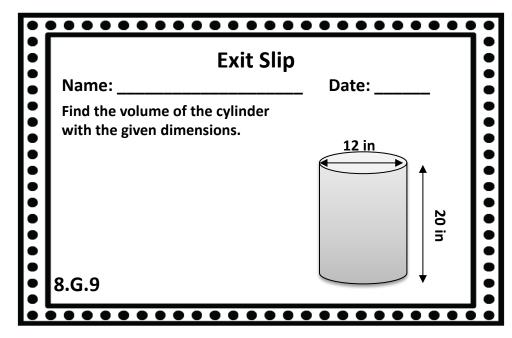
•		•
	Exit Slip	
•	Name: Date:	•
•••••	Find the volume of a cone if it has a diameter of 10 inches and a height of 8 inches.	
• • • •		
• • •	8.G.9	•
•	• • • • • • • • • • • • • • • • • • • •	•

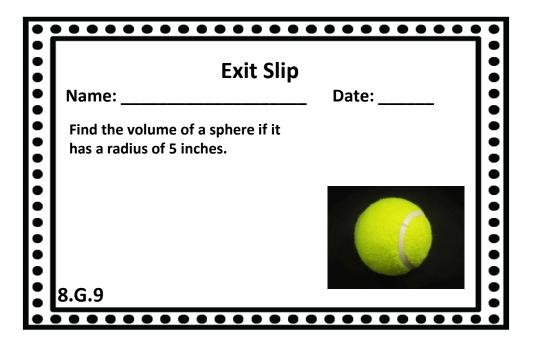


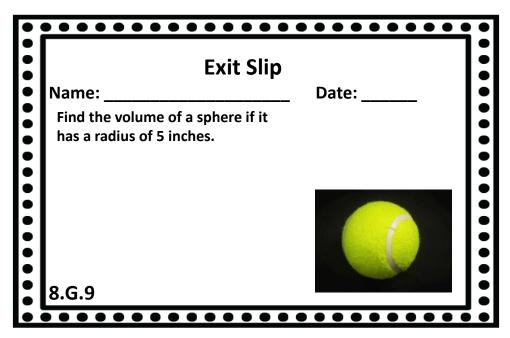


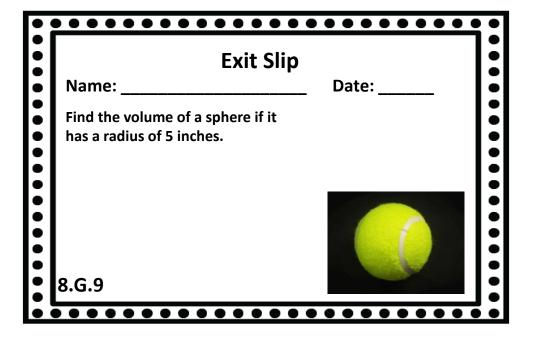


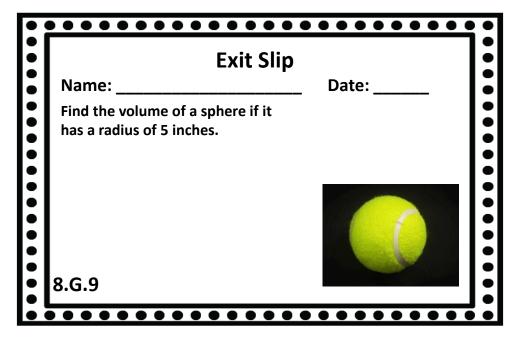




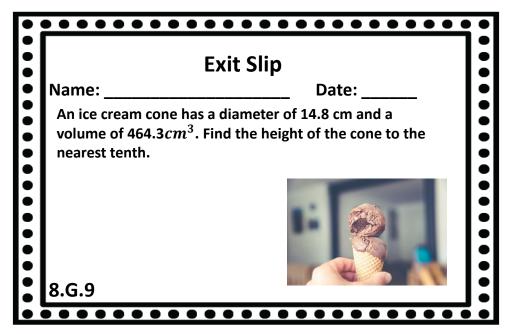


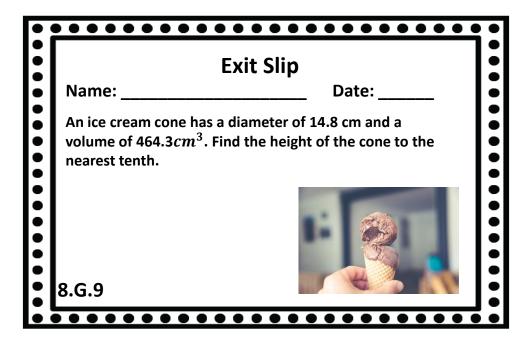


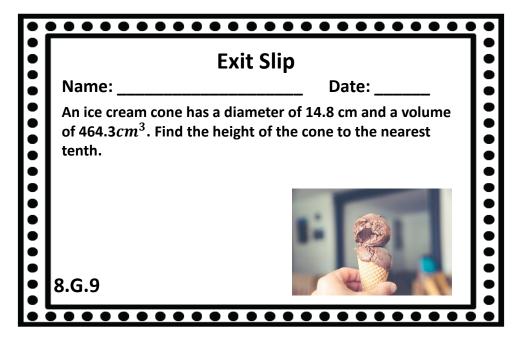


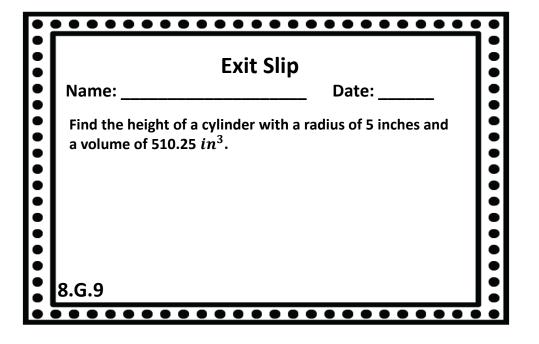


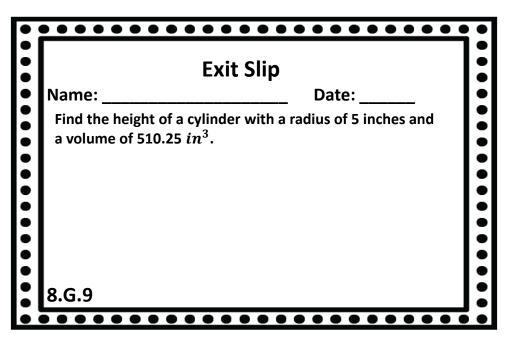




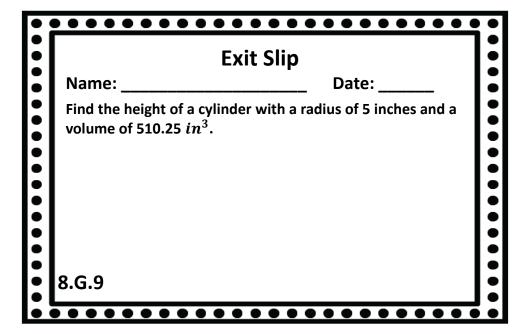


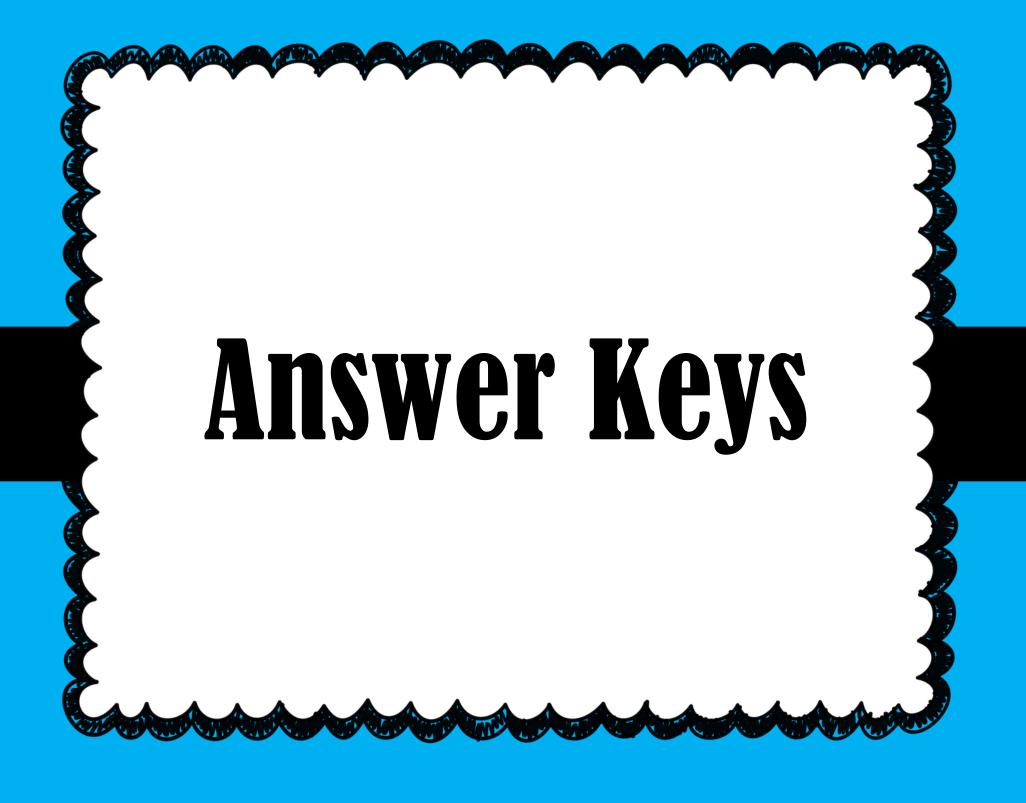


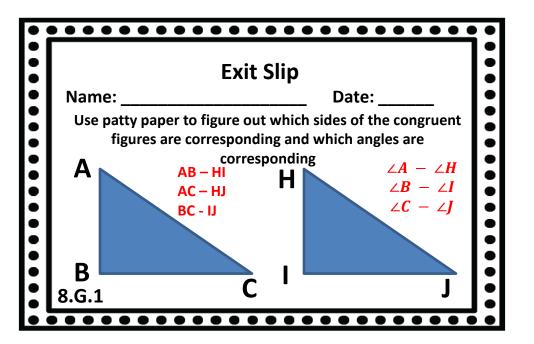


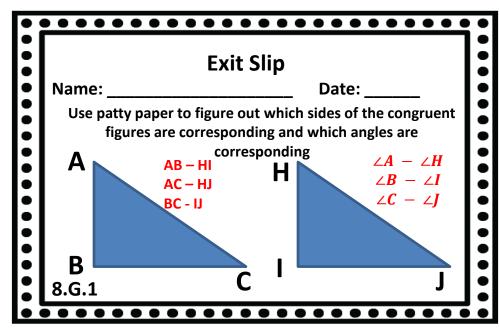


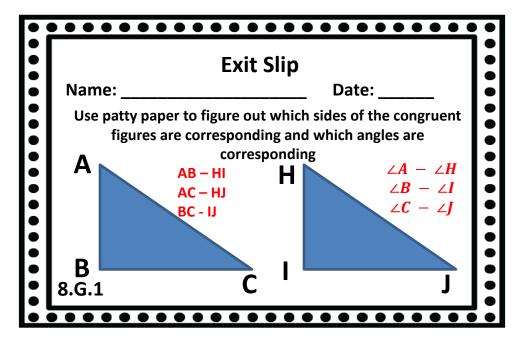
•	Exit Slip	
•	Name: Date:	
•••••••	Find the height of a cylinder with a radius of 5 inches and a volume of 510.25 in^3 .	
•		
• •		
•	8.G.9	

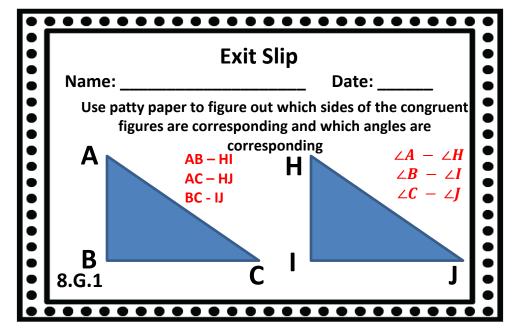


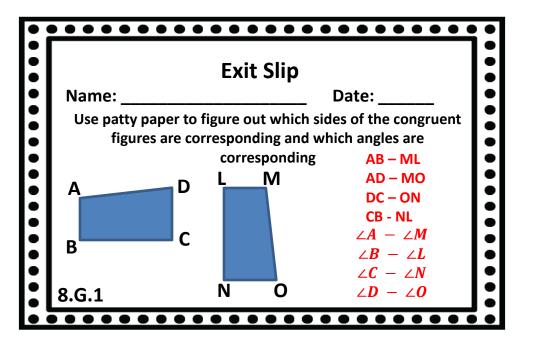


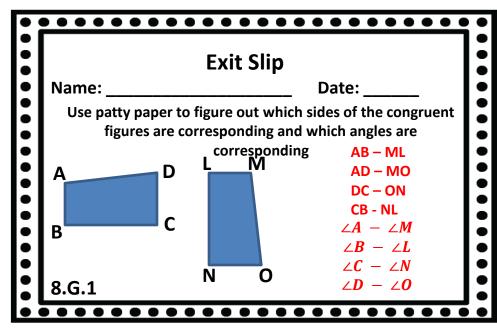


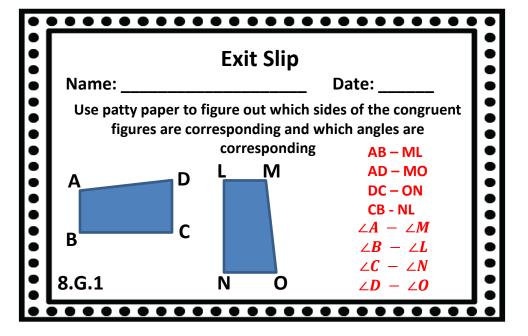


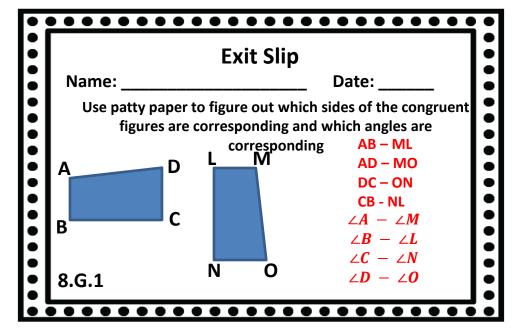


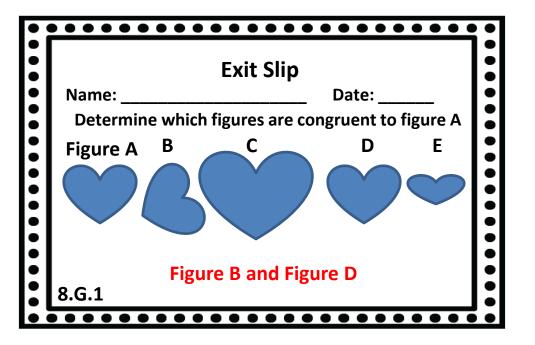


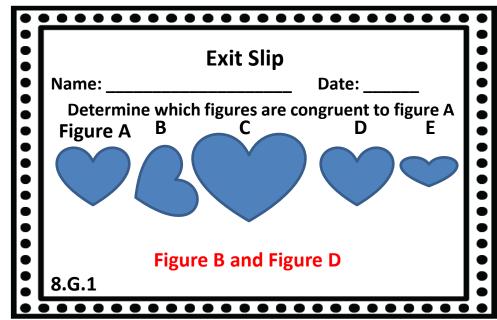


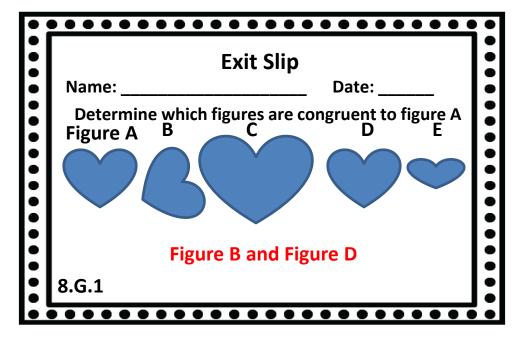


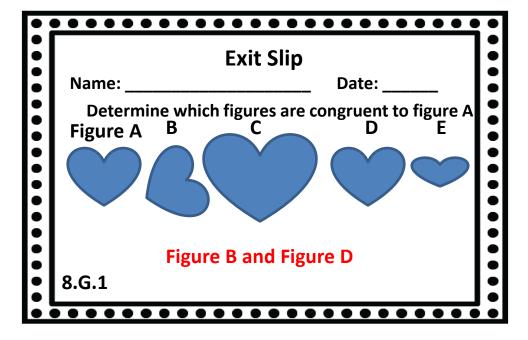


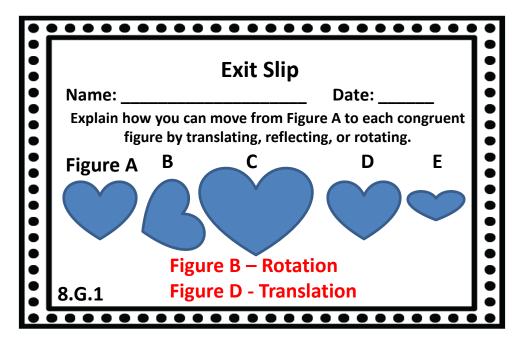


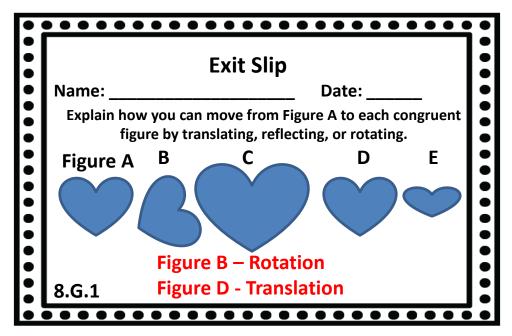


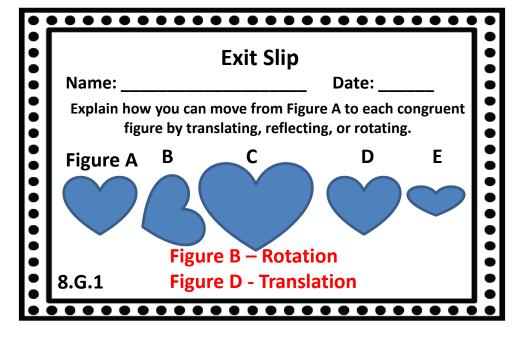


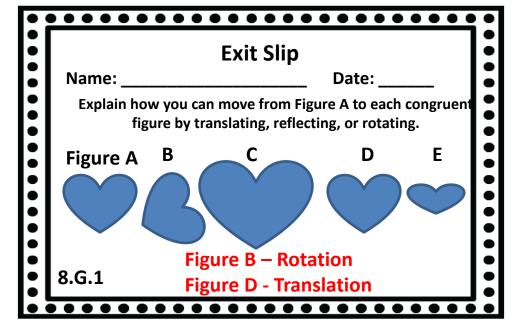
















•	• • • • • • • • • • • • • • • • • • • •	
	Exit Slip	•
•	Name: Date:	•
• • • •	Describe in your own words what translation, reflection, and rotation mean.	• • •
	Answers will vary	• • •
•		• •
	8.G.1	•
•		

-	
:1	Exit Slip
Nam	ne: Date:
	Describe in your own words what translation, reflection, and rotation mean.
	Answers will vary
8.G.1	L

	Exit Slip
Nar	ne: Date:
A.	What stays the same after a translation? Size and shape
В.	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

	Exit Slip
Nam	ne: Date:
A.	What stays the same after a translation? Size and shape
В.	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	
•	Nar	me: Date:	•
•	A.	What stays the same after a translation? Size and shape	•
•	В.	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.		•
•			

	Exit Slip
Nan	ne: Date:
Α.	What stays the same after a translation? Size and shape
В.	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
8.G.:	moving

	Exit Slip
Na	me: Date:
A.	What stays the same after a reflection? Size and shape
В.	What changes after a reflection? Placement and direction
C.	What do you need to know in order to perform a reflection? Line of Reflection

	Exit Slip
Nam	ne: Date:
A.	What stays the same after a reflection? Size and shape
В.	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	
•	Nar	ne: Date:	•
	Α.	What stays the same after a reflection? Size and shape	
	В.	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	

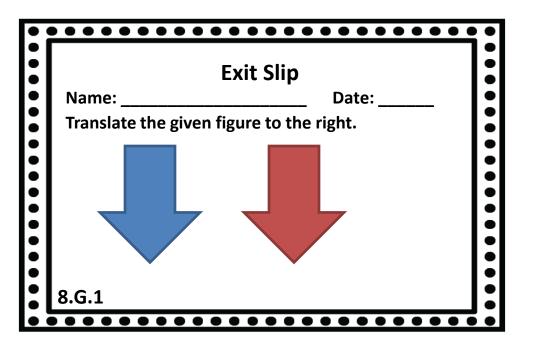
•••	<u>••••••</u>	
ı	Exit Slip	
Nam	ne: Date:	•
A.	What stays the same after a reflection? Size and shape	•
В.	What changes after a reflection? Placement and direction	•
C.	What do you need to know in order to perform a reflection? Line of Reflection	•
8.G.1	L	
•••	• • • • • • • • • • • • • • • • • • •	•

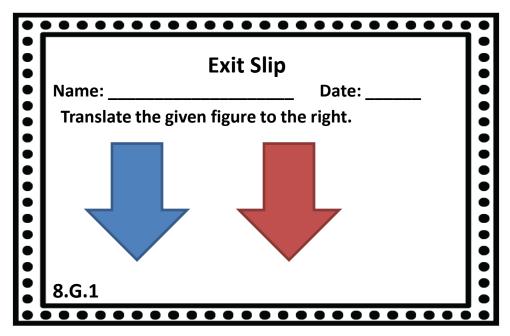
	Exit Slip
Na	me: Date:
A.	What stays the same after a rotation? Size and shape
В.	What changes after a rotation? Placement and direction
C.	What do you need to know in order to perform a rotation? Degree and Direction of Rotation
8.G	4

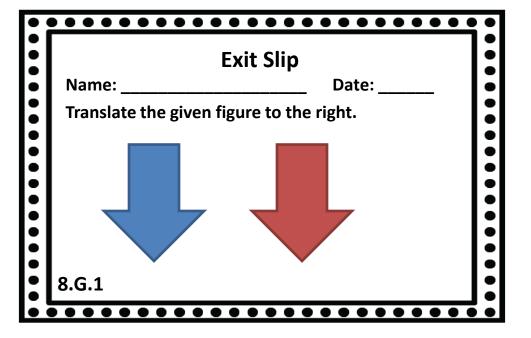
	Exit Slip
Nan	ne: Date:
A.	What stays the same after a rotation? Size and shape
В.	What changes after a rotation? Placement and direction
C.	What do you need to know in order to perform a rotation? Degree and Direction of Rotation
8.G	.1

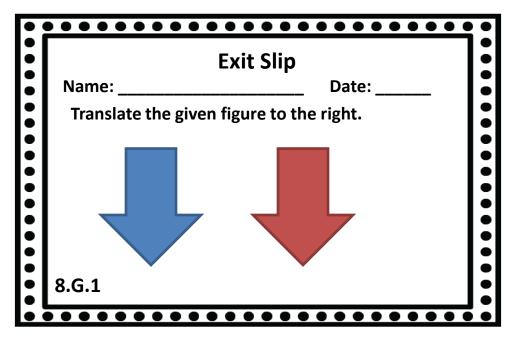
Exit Slip
ne: Date:
What stays the same after a rotation? Size and shape
What changes after a rotation? Placement and direction
What do you need to know in order to perform a rotation?
Degree and Direction of Rotation
1

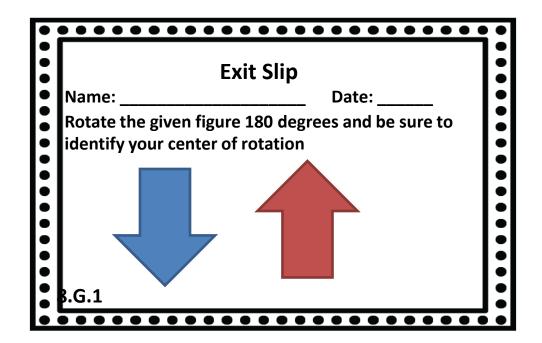
	Exit Slip
Nan	ne: Date:
Α.	What stays the same after a rotation? Size and shape
В.	What changes after a rotation? Placement and direction
C.	What do you need to know in order to perform a rotation?
	Degree and Direction of Rotation
8.G.	1

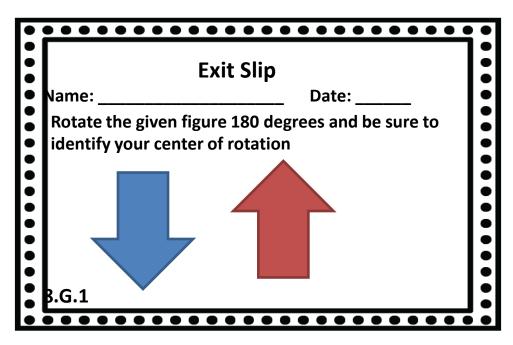


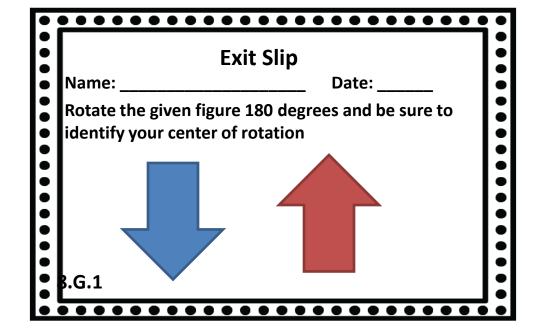


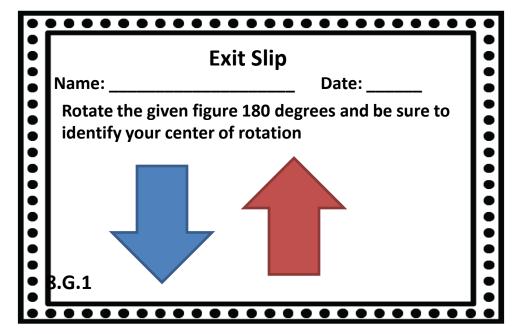


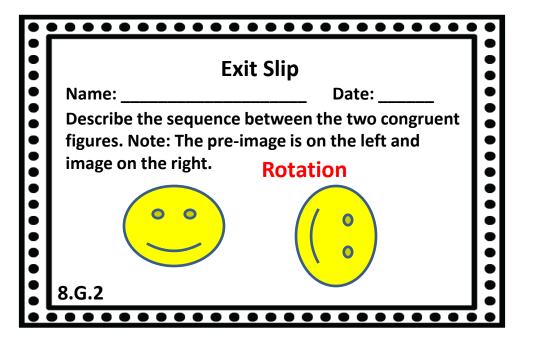


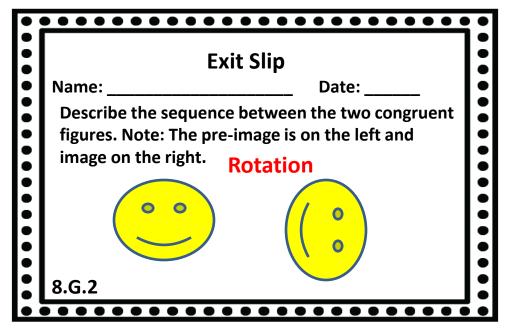




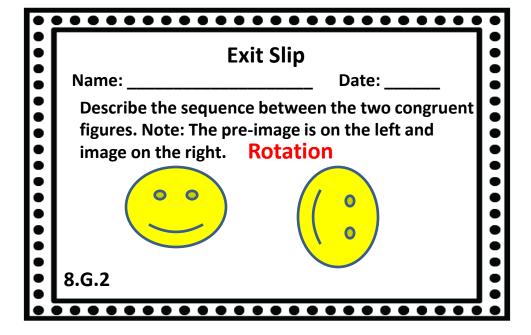


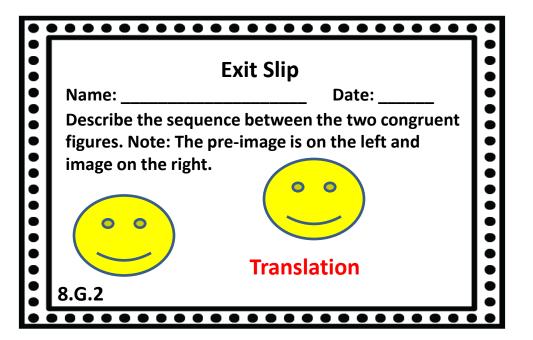


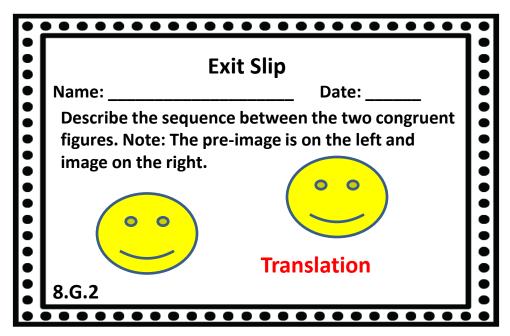




	• • • • • • • • • • • • • • • • • • • •	
	Exit Slip	
•	Name: Date:	•
•••••	Describe the sequence between the two congruent figures. Note: The pre-image is on the left and	•
•	image on the right. Rotation	•
• • •		• • •
• • •	8.G.2	
•		•

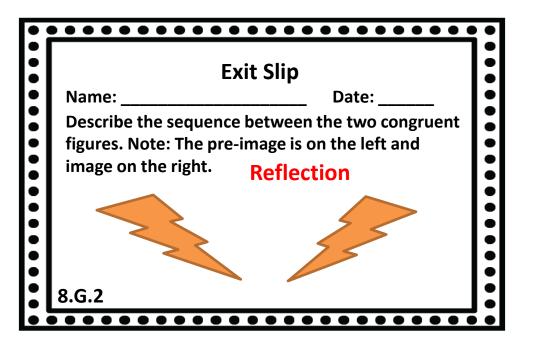


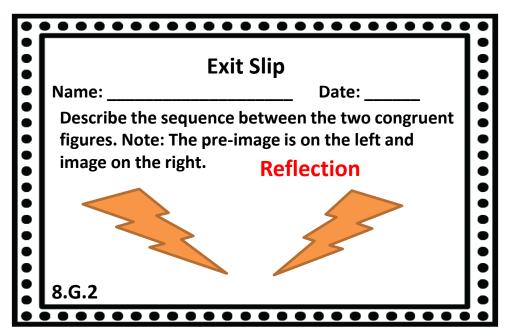


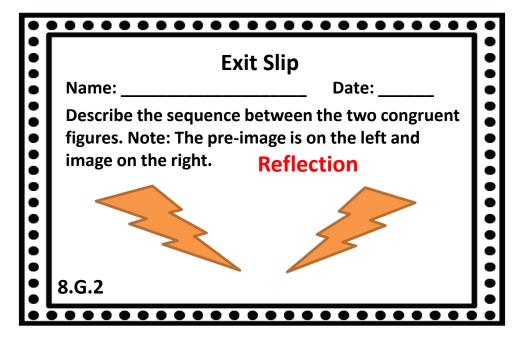


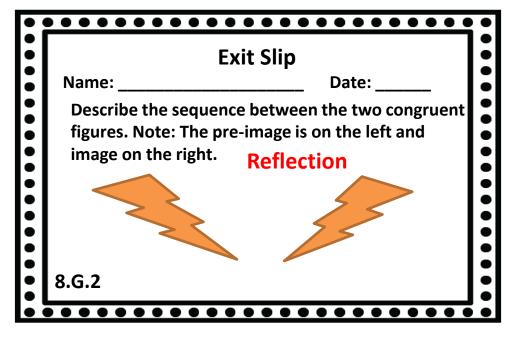
	Exit Slip
Name:	Date:
-	quence between the two congruent
image on the rig	ne pre-image is on the left and the characters.
000	
	Translation
8.G.2	

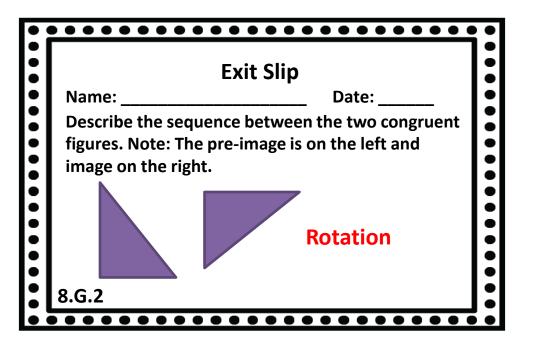
E	Exit Slip
Name:	Date:
	nce between the two congruent
	re-image is on the left and
image on the right.	
8.G.2	Translation

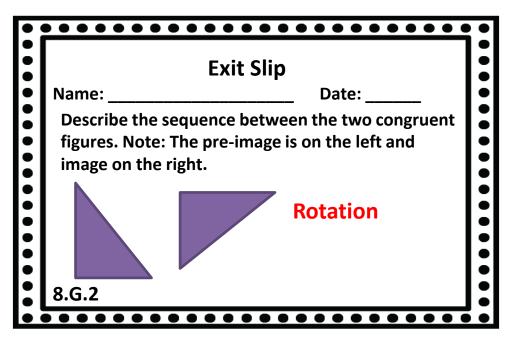


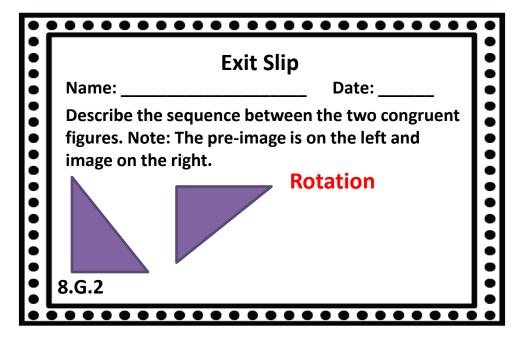


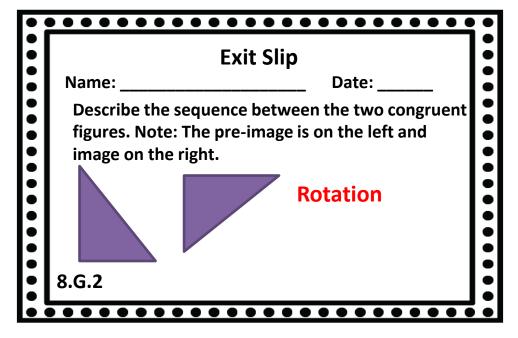


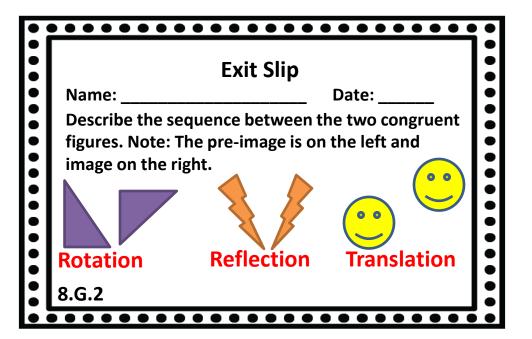


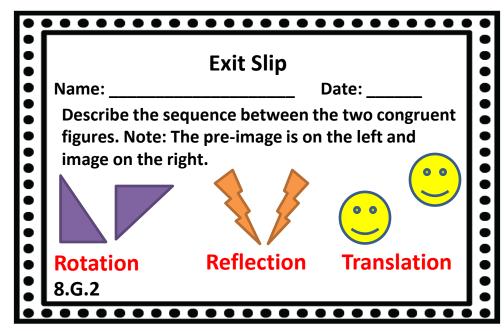


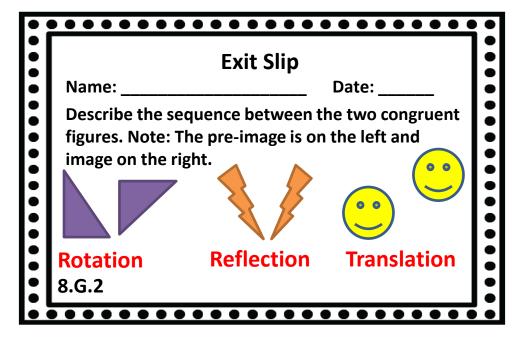


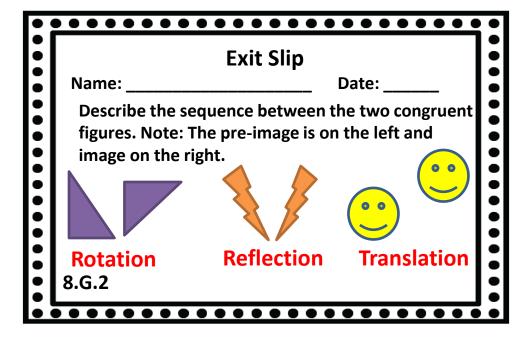










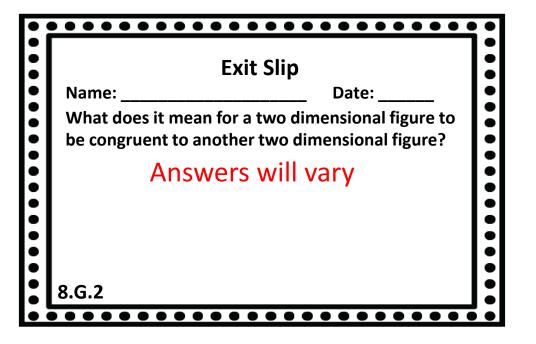


	Exit Slip	 :
•••••••	Name: Date: State if the following statements are true or false.	
	8.G.2	

	Exit Slip
T1. A another if rotations,	Date: e following statements are true or false. two dimensional figure is congruent to it is obtained through translations, or reflections. franslations turn an object. Reflections flip an object
8.G.2	

•	= 1. oli	Î
•	Exit Slip	1
•	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.	
	3. Reflections flip an object 8.G.2	

Exit	Slip
Name: State if the following sta	Date: tements are true or false. nal figure is congruent to through translations, on an object.
8.G.2	

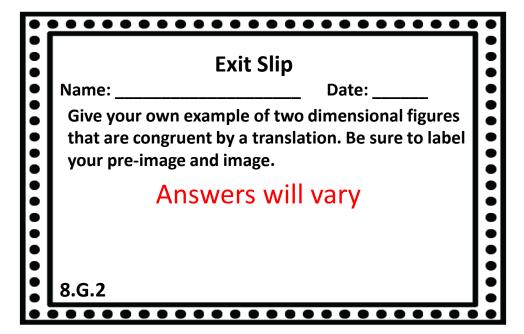


	Exit Slip
ı	Name: Date:
I	What does it mean for a two dimensional figure to be congruent to another two dimensional figure?
ı	Answers will vary
	8.G.2

•	••••••	
	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:
	es it mean for a two dimensional figure to uent to another two dimensional figure?
,	Answers will vary
8.G.2	
8.G.2	

• • •	Fuit Clin			
	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	•		
•	Answers will vary	•		
		:		
•		ě		
•		•		
	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	

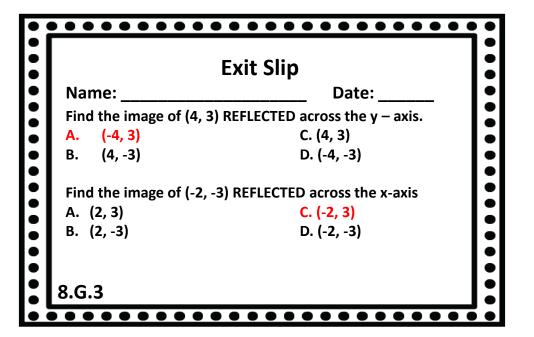
Exit Slip		
Name:	Date:	
Give your own example of two dimensional figures that are congruent by a translation. Be sure to label your pre-image and image.		
An	swers will vary	
8.G.2		
•••••	••••••	

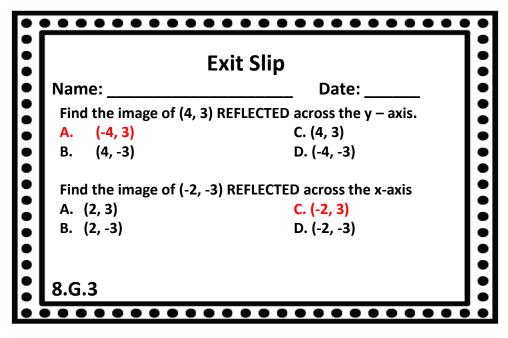
Exit Slip Name: ______ Date: _____ Give your own example of two dimensional figures that are congruent through either a translation, rotation or reflection. Be sure to label your preimage and image. Answers will vary 8.G.2

	Exit Slip
that are congruer	Date: cample of two dimensional figures nt through either a translation, tion. Be sure to label your pre-
Ans 8.G.2	wers will vary

•••	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 preimage and image.	• • • • •
• • • • •	Answers will vary 8.G.2	

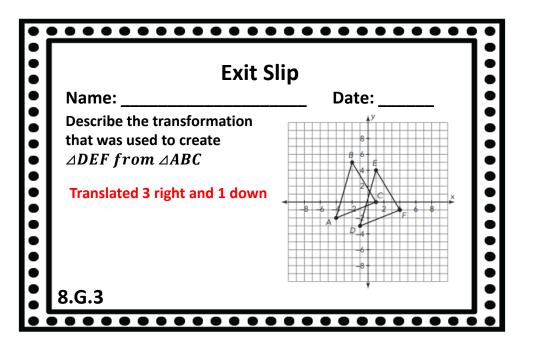
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Date:
kample of two dimensional figures nt through either a translation, stion. Be sure to label your pre-
wers will vary

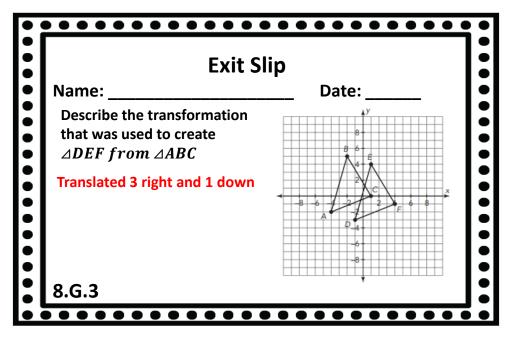




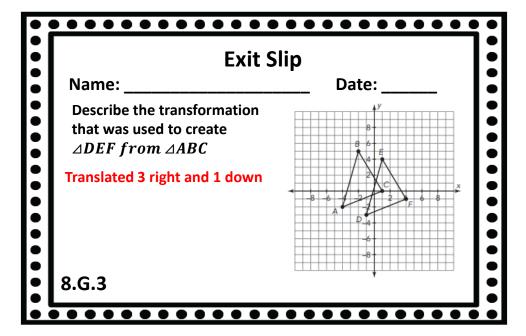
• •	• • • • • • • •	••••••	•
	Exit Slip		
•	Name:	Date:	•
	Find the image of (4,	3) REFLECTED across the y – axis.	•
	A. (-4, 3)	C. (4, 3)	
	B. (4, -3)	D. (-4, -3)	•
• • •	Find the image of (-2,	-3) REFLECTED across the x-axis	•
	A. (2, 3)	C. (-2, 3)	
•	B. (2, -3)	D. (-2, -3)	•
			•
	8.G.3		•
	••••••	•••••	•

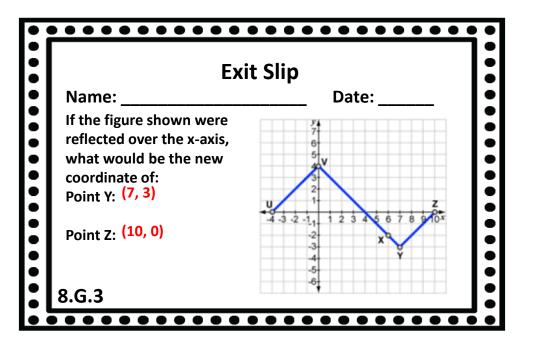
Ex	kit Slip		
Name:	Date:		
Find the image of (4, 3) R	REFLECTED across the y – axis.		
A. (-4, 3)	C. (4, 3)		
B. (4, -3)	D. (-4, -3)		
Find the image of (-2, -3)	REFLECTED across the x-axis		
A. (2, 3) C. (-2, 3)			
B. (2, -3)	D. (-2, -3)		
.G.3			

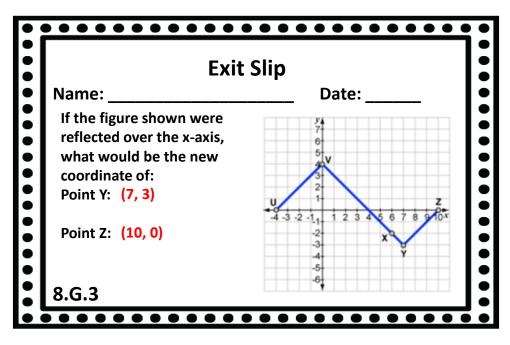


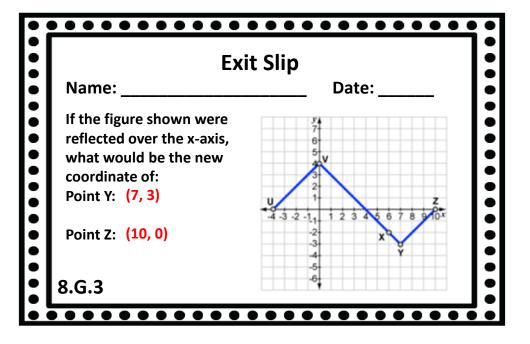


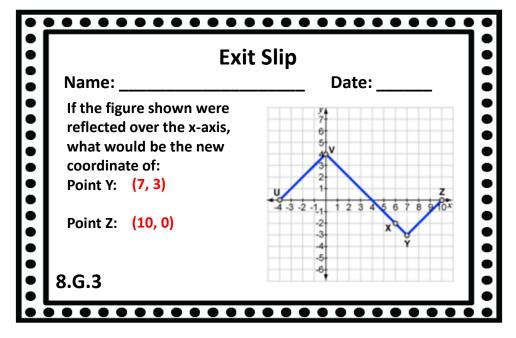
Exit S	lip
Name:	Date:
Describe the transformation that was used to create △DEF from △ABC Translated 3 right and 1 down	B 6 E 8 A D 4 D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4 A D 4
8.G.3	-B

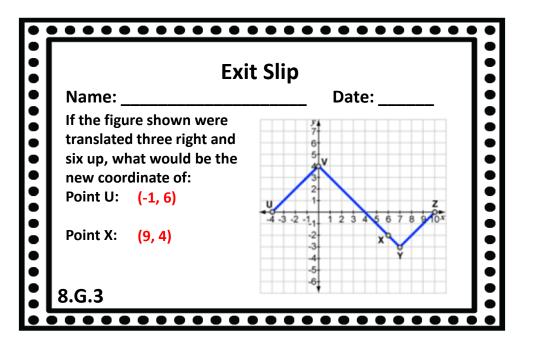


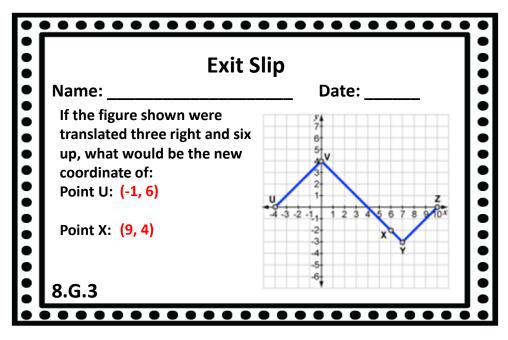


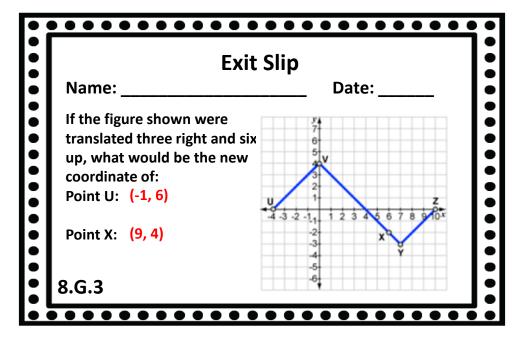


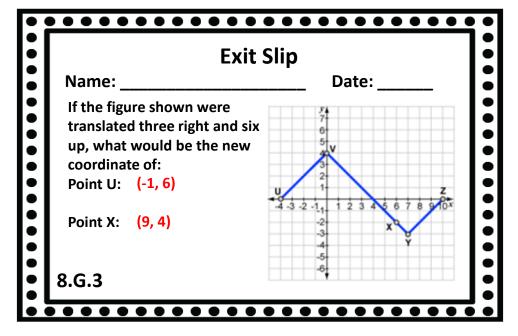


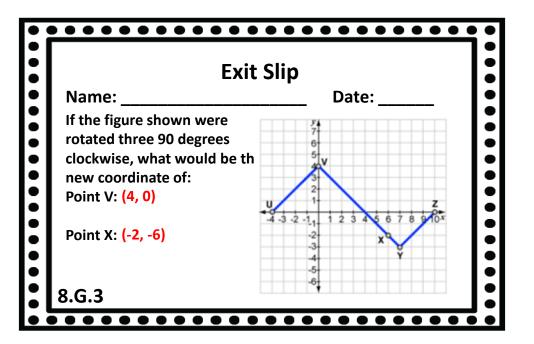


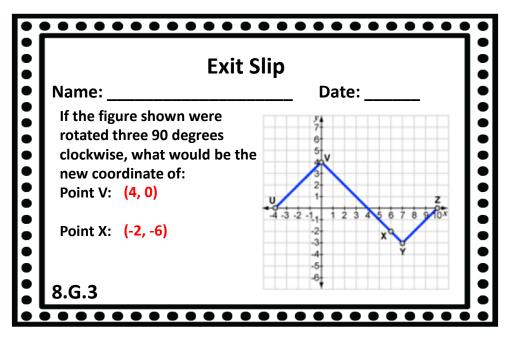


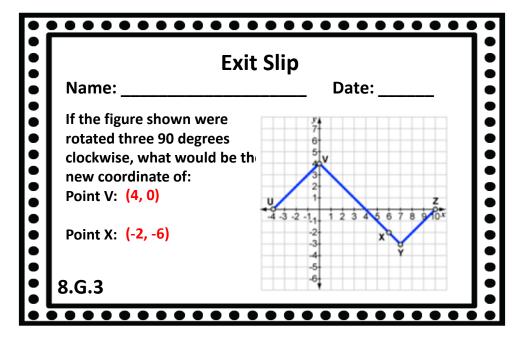


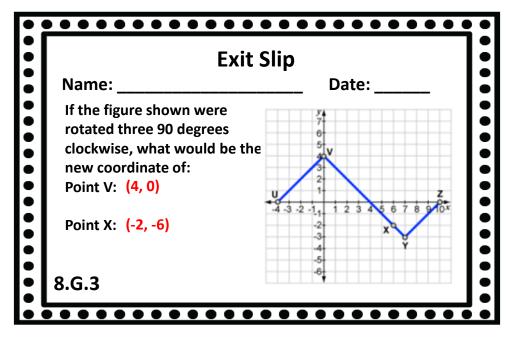


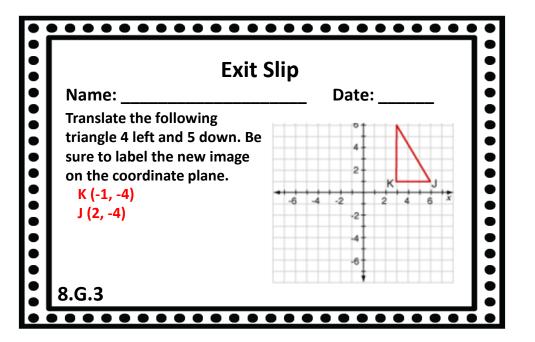


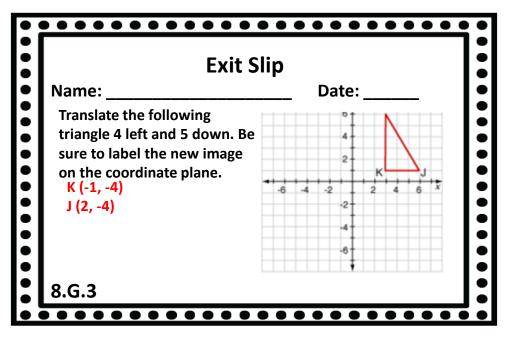




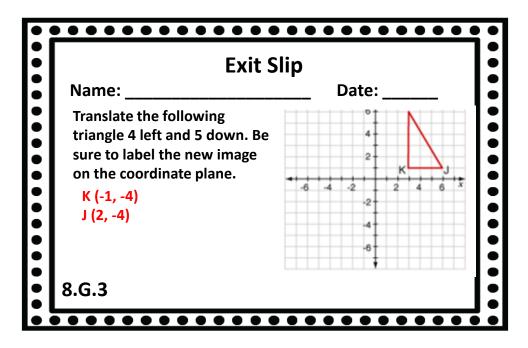


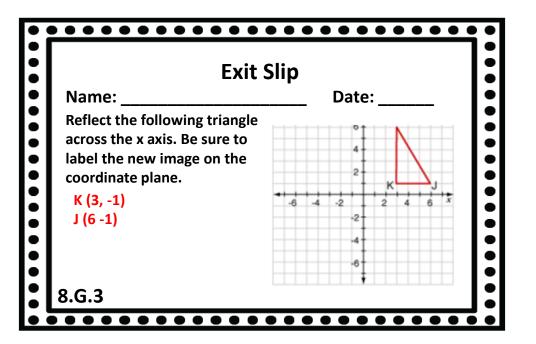


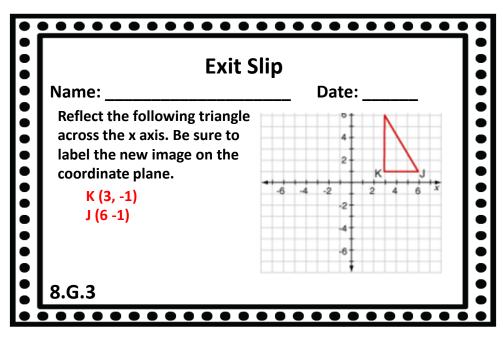


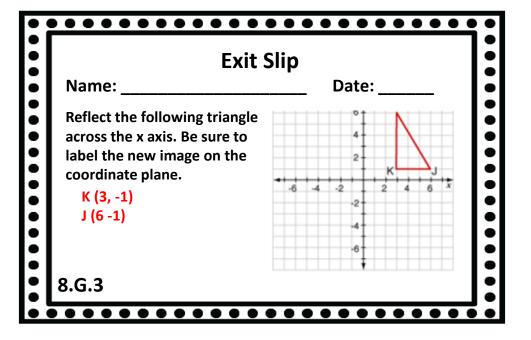


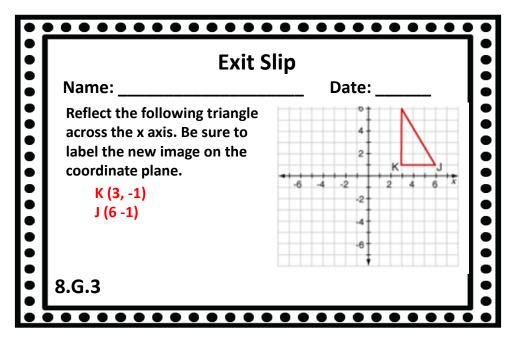
	Exit S	Slip
•••••••••	Translate the following triangle 4 left and 5 down. Be sure to label the new image on the coordinate plane. K (-1, -4) J (2, -4)	Date:
•	8.G.3	

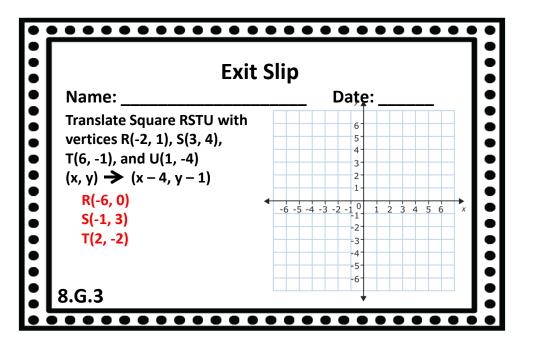


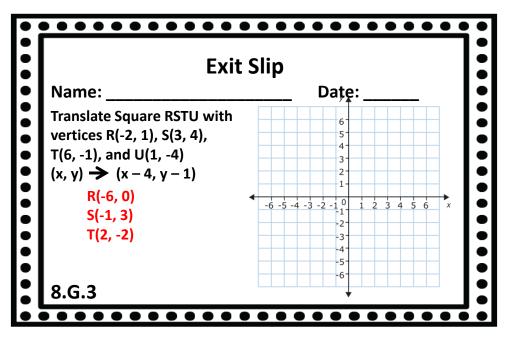


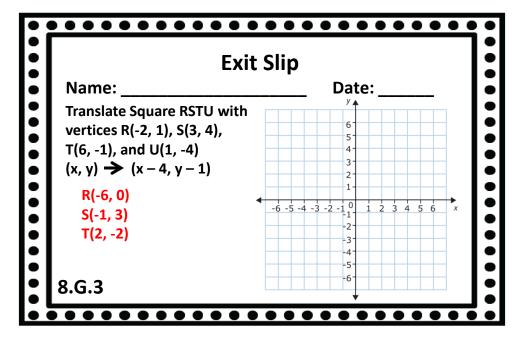


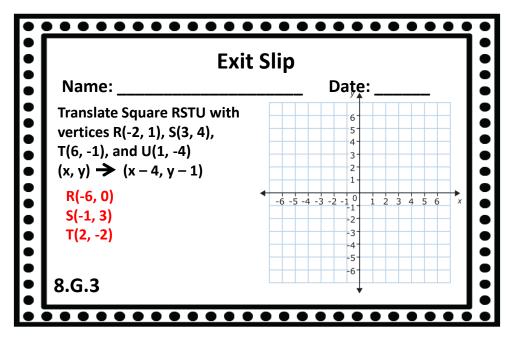


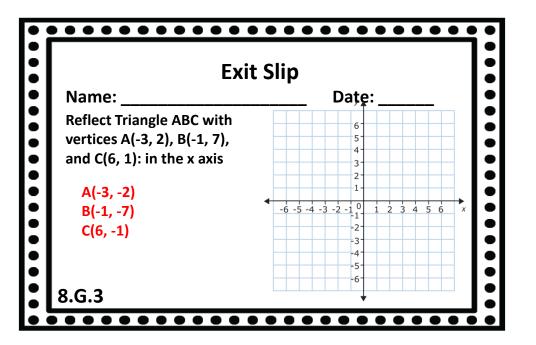


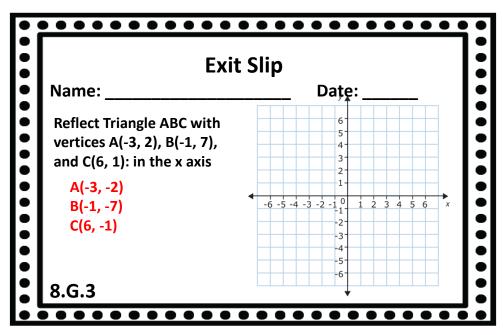


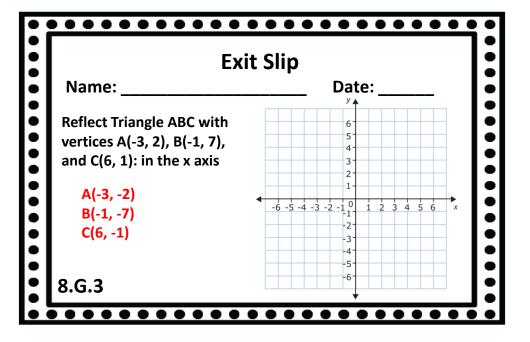


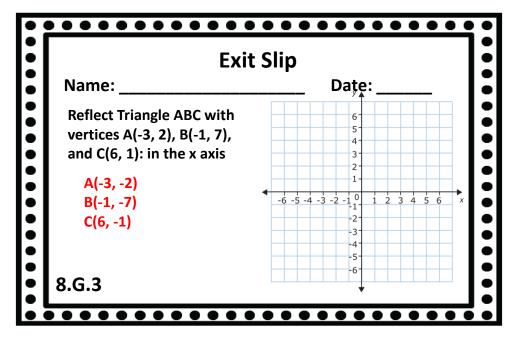


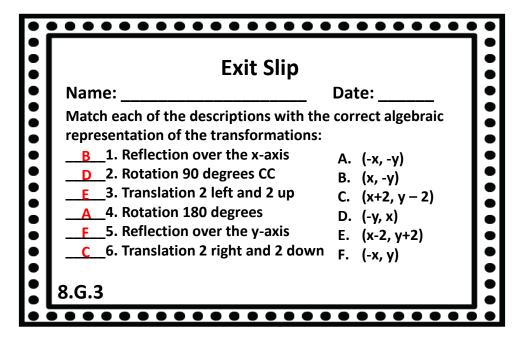












Exit Slip	
•	A. (-x, -y) B. (x, -y) C. (x+2, y - 2) D. (-y, x) E. (x-2, y+2)
8.G.3	

	Exit Slip				
•	Name:	-			
	Match each of the descriptions with the representation of the transformations:	cor	rect algebraic		
•		A.	(-x, -y)	•	
•	2. Rotation 90 degrees CC	В.	(x, -y)	•	
•	<u>E</u> 3. Translation 2 left and 2 up	C.	(x+2, y – 2)	•	
•	A4. Rotation 180 degrees	D.	(-y, x)		
•	F 5. Reflection over the y-axis	Ε.	(x-2, y+2)		
•	<u> </u>	F.	(-x, y)	ĕ	
•				•	
	8.G.3			•	
•			• • • • • •		

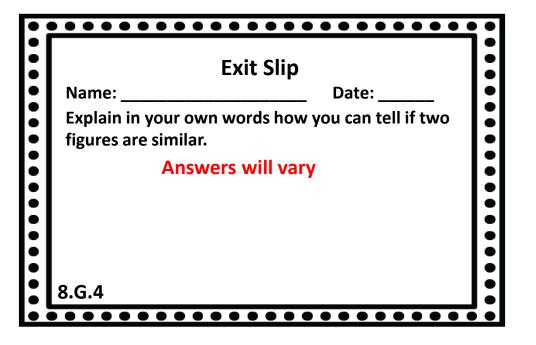
Match each of the descriptions with the correct algebraic representation of the transformations:	Exit S	lip
A 4. Rotation 180 degrees F 5. Reflection over the y-axis C 6. Translation 2 left and 2 up C. (x+2, y - 2) D. (-y, x) E. (x-2, y+2)	Match each of the descriptions representation of the transform B 1. Reflection over the x-a D 2. Rotation 90 degrees C E 3. Translation 2 left and a A 4. Rotation 180 degrees F 5. Reflection over the y-a	Date: s with the correct algebraic mations: axis C B. (-x, -y) B. (x, -y) C. (x+2, y - 2) D. (-y, x) E. (x-2, y+2)

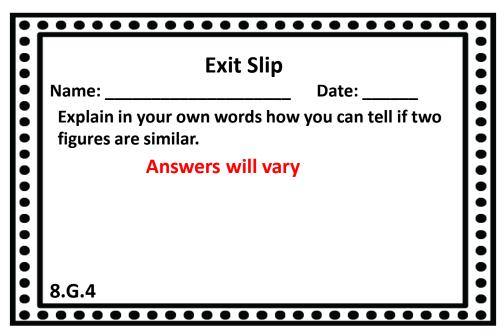
•		
	Exit Slip	
•	Name: Date:	•
•	Determine if the following statements are true or false. If the statement is false provide an example of why.	
• •	False 1. All similar figures are also congruent figures.	•
• •	<u>True</u> 2. All congruent figures are also similar figures.	• • •
	8.G.4	•
•)

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	
	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.

•		
	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.	
• • •	<u>True</u> 2. All congruent figures are also similar figures.	
	8.G.4	
		•

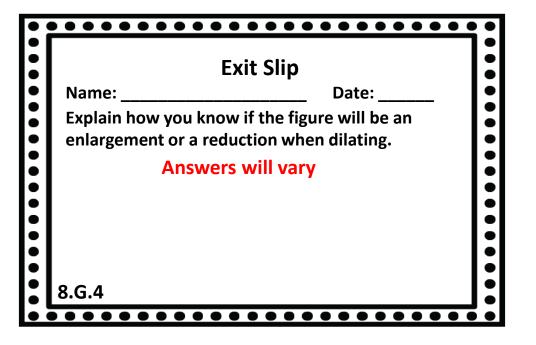
	Exit Slip
Name:	Date:
	ing statements are true or false. If rovide an example of why.
<u>False</u> 1. All similar figur	es are also congruent figures.
True 2. All congruent fi	igures are also similar figures.
8.G.4	





•		•
	Exit Slip	•
•	Name: Date:	•
•••••	Explain in your own words how you can tell if two figures are similar.	
	Answers will vary	
	8.G.4	
		•

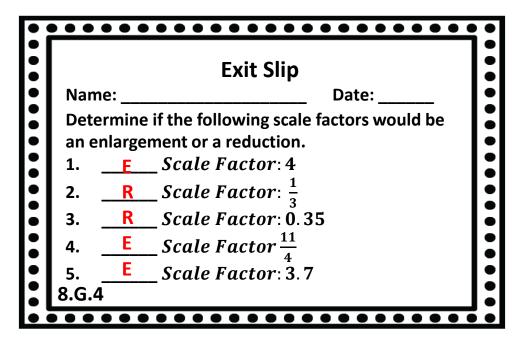
Fyit Slin	
Name: Date:	
Explain in your own words how you can tell if two	
Answers will vary	
	9
8.G.4	
	Explain in your own words how you can tell if two figures are similar. Answers will vary



• (
•	Exit Slip	9
•	Name: Date:	•
	Explain how you know if the figure will be an enlargement or a reduction when dilating.	
	Answers will vary	3
		3
	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	•

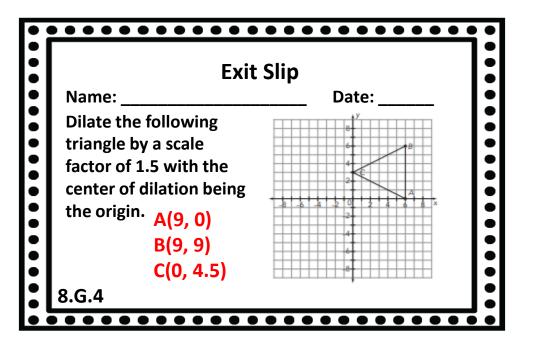
	Exit Slip
Name:	Date:
• •	ow if the figure will be an duction when dilating.
Answ	vers will vary
8.G.4	

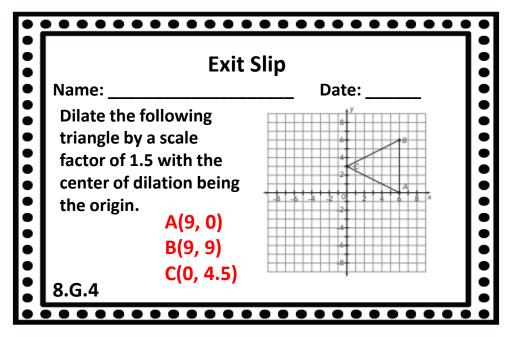


	Exit Slip
Name:	Date:
Determin	e if the following scale factors would be
an enlarg	ement or a reduction.
1. <u>E</u>	Scale Factor: 4
2. R	Scale Factor: $\frac{1}{2}$
3. <u>R</u>	Scale Factor: 0.35
4. <u>E</u>	Scale Factor $\frac{11}{4}$
5. <u>E</u>	Scale Factor: 3.7
8.G.4	
• • • • •	• • • • • • • • • • • • • • • • •

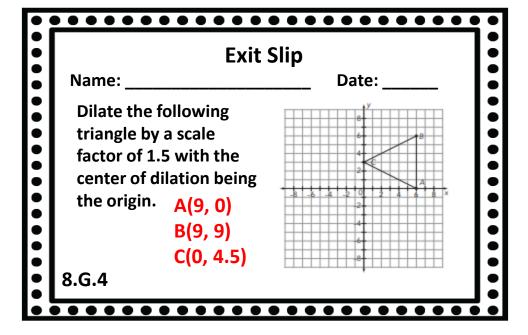
	Exit Slip			
•	Name: Date:	•		
	Determine if the following scale factors would be	:		
•	an enlargement or a reduction.	•		
	1 Scale Factor: 4	•		
	2. R Scale Factor: $\frac{1}{3}$	•		
	3. R Scale Factor: 0.35	•		
•	4. \underline{E} Scale Factor $\frac{11}{4}$!		
•	5. <u>E</u> Scale Factor: 3.7	•		
	8.G.4	:		
•		•		

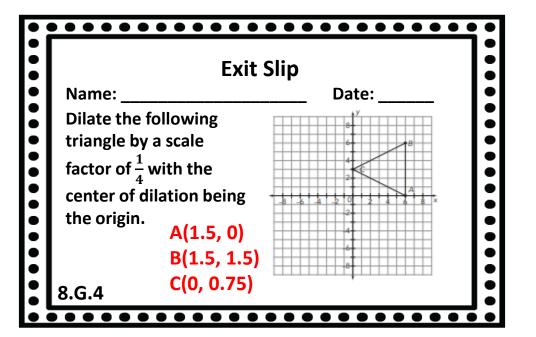
	Exit Slip
Name:	Date:
	e if the following scale factors would be
an enlarge	ement or a reduction.
1. <u> </u>	Scale Factor: 4
2. <u>R</u>	Scale Factor: $\frac{1}{3}$
3. <u>R</u>	Scale Factor: 0.35
4. <u>E</u>	Scale Factor $\frac{11}{4}$
5. <u>E</u>	Scale Factor: 3.7
8.G.4	





Slip
Date:

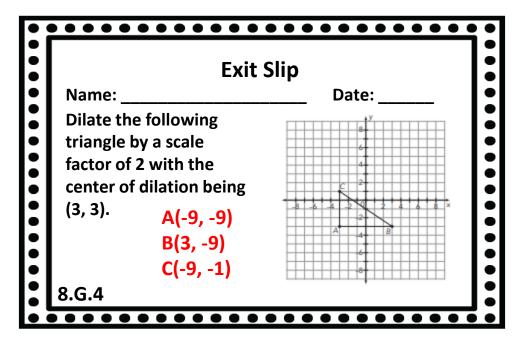


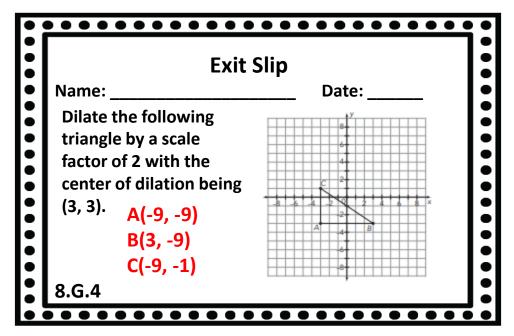


Name:	Exit S	lip Date:	
Dilate the fortriangle by a factor of $\frac{1}{4}$ we center of dilate the origin.	scale rith the	Dilate the following triangle by a scale factor of $\frac{1}{4}$ with the center of dilation being the origin.	

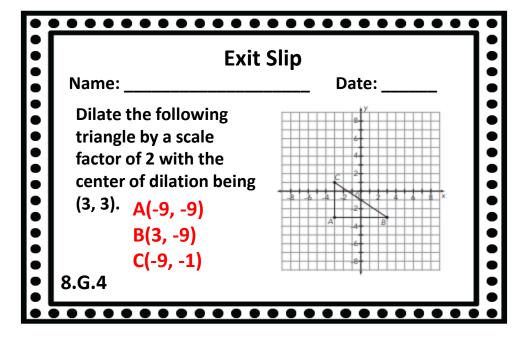
••••	Name:	Exit	Slip Date:	
••••••	Dilate the form triangle by a factor of $\frac{1}{4}$ where $\frac{1}{4}$ is the origin.	scale vith the	Dilate the following triangle by a scale factor of $\frac{1}{4}$ with the center of dilation being the origin.	••••••
• • • •	8.G.4	C(0, 0.75)	• • • • • • • • •	

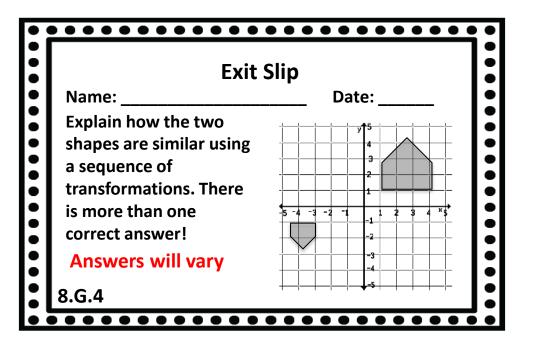
Name:	Exit S	lip Date:
Dilate the following triangle by a factor of $\frac{1}{4}$ we center of dilathe origin.	scale rith the	Dilate the following triangle by a scale factor of $\frac{1}{4}$ with the center of dilation being the origin.

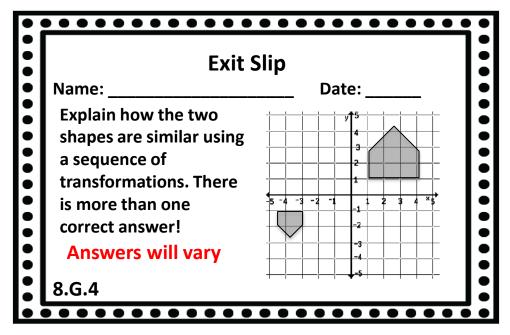


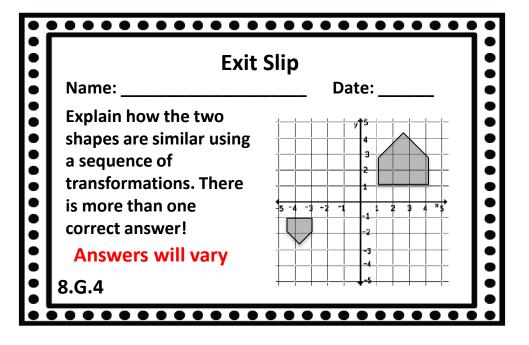


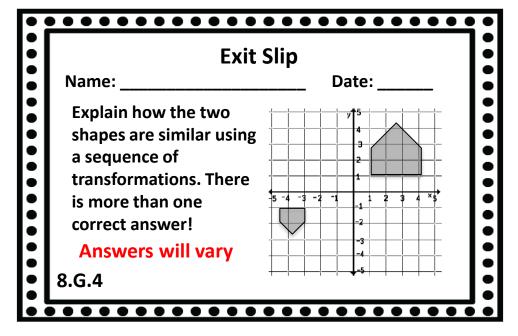
	• • • •	•••••	•••••	
		Exit S	Slip	•
•	Name: _		Date:	•
	Dilate th	e following		
	triangle	by a scale	6	•
	factor of	2 with the	4	
•	center o	f dilation being	C 2	•
•	(3, 3).		* * * * * * * * * * * * * * * * * * *	
		A(-9, -9)	A 4 B	
•		B(3, -9)	6	•
	8.G.4	C(-9, -1)	8	
	8.0.4			•
	• • • •			

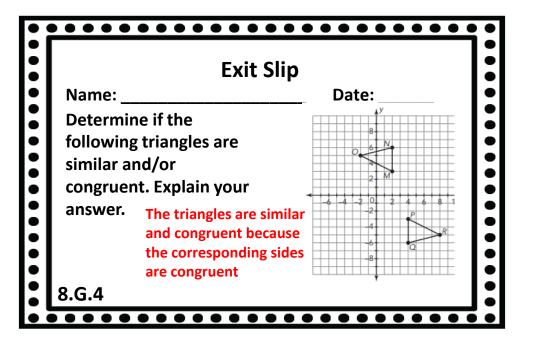


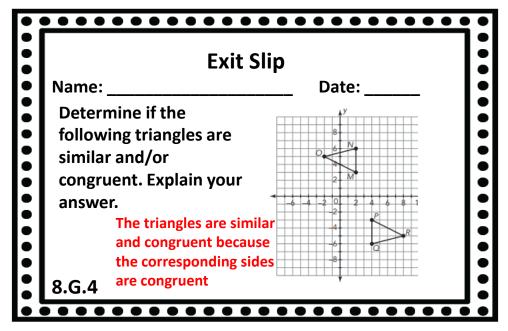


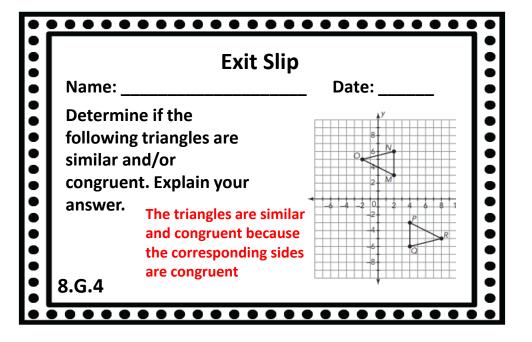


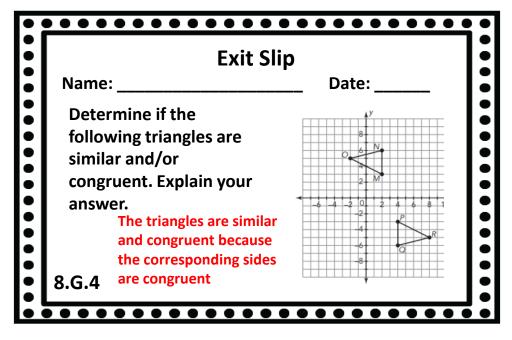












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Name: _____ Date: ____

If △ABC is similar to △ICE. Identify the following corresponding:

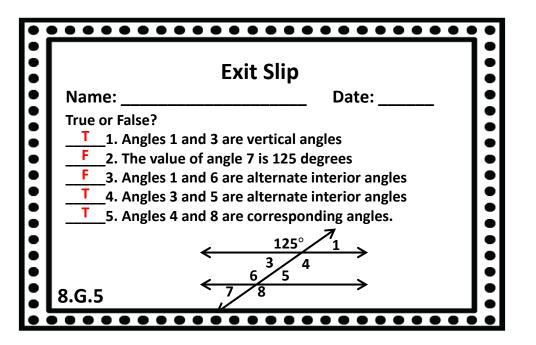
Sides: AB-IC BC-CE AB-IE

Angles: A-I B-C C-E

	Exit Slip		
Name:	Date:		
-	If $\triangle ABC$ is similar to $\triangle ICE$. Identify the following corresponding:		
Sides:	AB-IC BC-CE AB-IE		
Angles:	Angles: A-I B-C C-E		
8.G.4			

	Exit Slip		
Name:	Date:		
If ⊿AB	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			

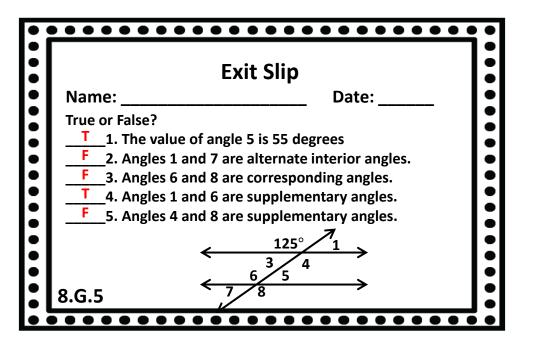
	Exit Slip	
Name:	Date:	
If $\triangle ABC$ is similar to $\triangle ICE$. Identify the following corresponding:		
Sides:	AB-IC BC-CE AB-IE	
Angles:		
	A-I B-C C-E	
8.G.4		



•			
•	Exit Slip	•	
•	Name: Date:	•	
	True or False?	•	
•	1. Angles 1 and 3 are vertical angles	•	
•	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.	•	
	7		
•	$\leftarrow \qquad \qquad \stackrel{125^{\circ}}{\longrightarrow} \qquad \qquad$	•	
	$6\overline{\smash{\big)}5}$	•	
	8.G.5 7/8		
		·	

•	• • • • • • • • • • • • • • • • • • • •	•
	Exit Slip	
•	Name: Date:	•
•••••••	True or False?	••••••
•	$8.G.5 \qquad \stackrel{\checkmark}{\checkmark 7} \stackrel{3}{\cancel{8}} \longrightarrow$	•
	• • • • • • • • • • • • • • • • • • • •	•

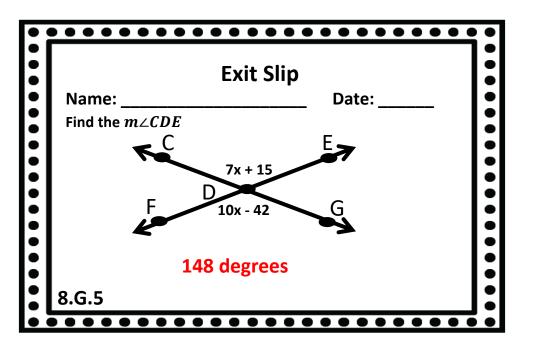
_		
1	xit Slip	
Name:	Date:	
True or False?		
	re vertical angles	
F_2. The value of ang	F 2. The value of angle 7 is 125 degrees	
4. Angles 3 and 5 are alternate interior angles		
_	125° 🖊 1	
-	3/4	
_	6/5	
8.G.5	8	

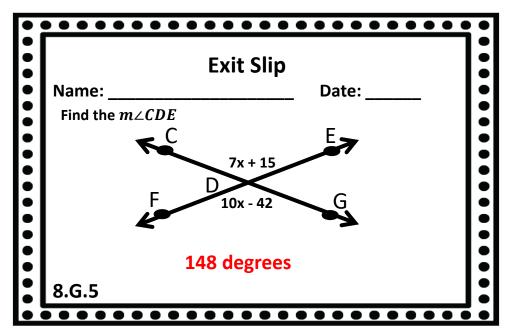


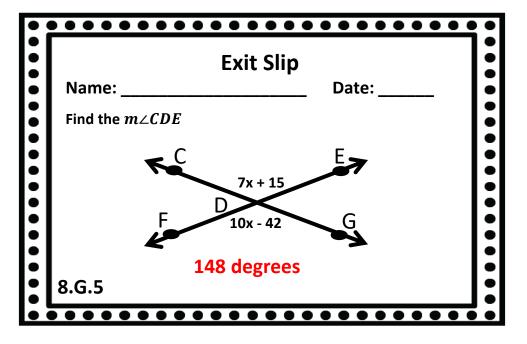
•		
	Exit Slip	•
•	Name: Date:	•
•	True or False?	
•	1. The value of angle 5 is 55 degrees	•
•	2. Angles 1 and 7 are alternate interior angles.	•
	F 3. Angles 6 and 8 are corresponding angles.	
•	T_4. Angles 1 and 6 are supplementary angles. F 5. Angles 4 and 8 are supplementary angles.	•
•	7	•
•	$\longleftrightarrow \frac{125^{\circ}}{2} \xrightarrow{1}$	•
•	$6\overset{3}{\cancel{5}}\overset{4}{\cancel{5}}$	•
	8.G.5	

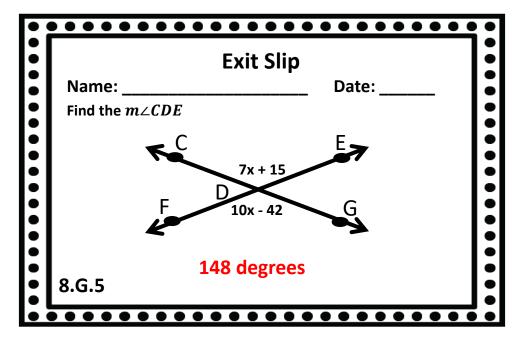
•	• • • • • • • • • • • • • • • • • • • •	
	Exit Slip	
•	Name: Date:	•
•••••••	True or False?	••••••
	$8.G.5 \qquad \stackrel{6}{\underbrace{^{5}}} \stackrel{5}{\underbrace{^{7}}} \stackrel{8}{\underbrace{^{7}}}$	•

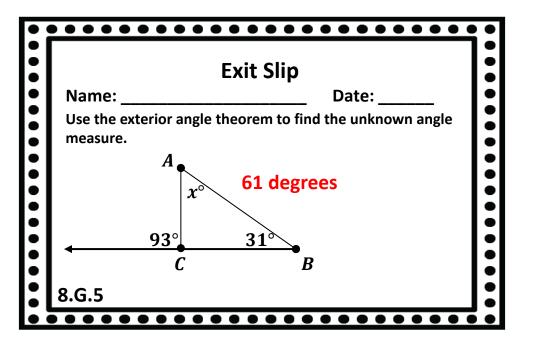
	Exit Slip
Name:	Date:
True or False?	
T1. The value of a	ngle 5 is 55 degrees
F2. Angles 1 and 7	7 are alternate interior angles.
F 3. Angles 6 and 8	Bare corresponding angles.
4. Angles 1 and 6	5 are supplementary angles.
<u>F</u> _5. Angles 4 and 8	B are supplementary angles.
	125° / 1
I ←	3/4
I ←	$\frac{6}{5}$
8.G.5	/ 8 · · · ·

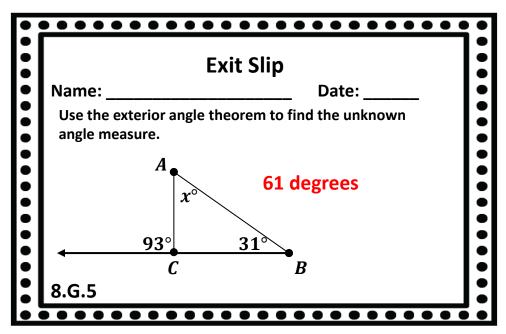


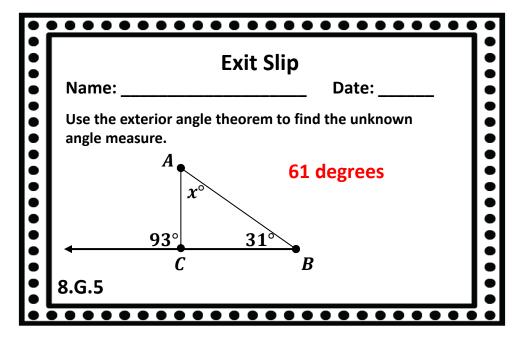


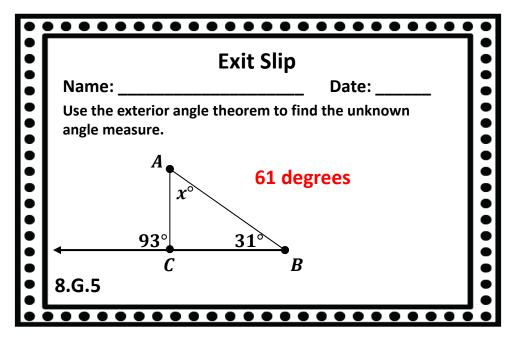


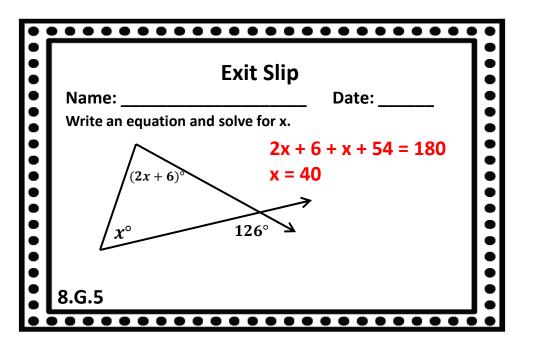


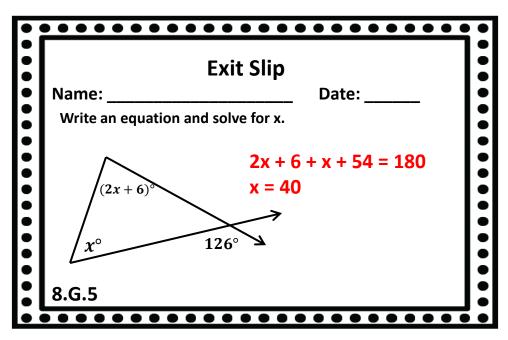


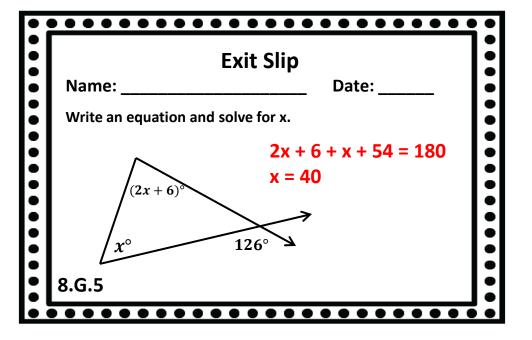


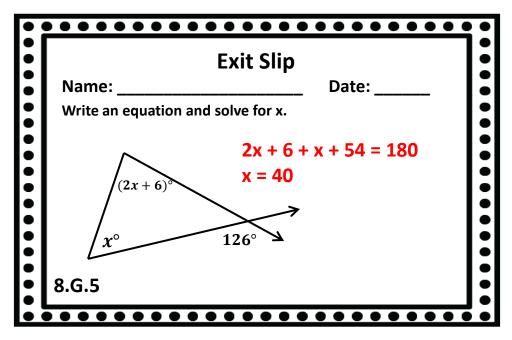










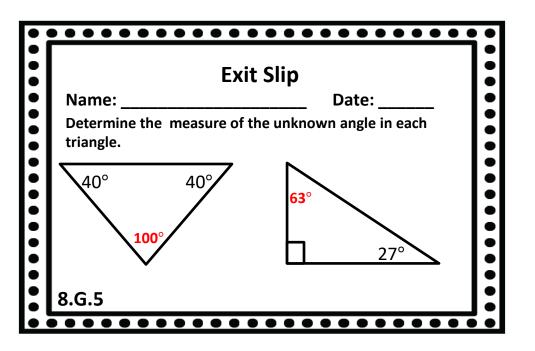


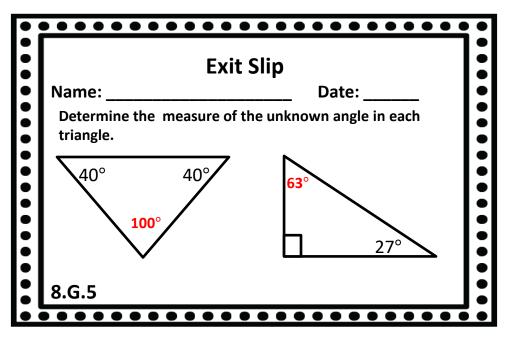
Exit Slip Name: _____ Date: ____ Fill in the blanks with the correct vocabulary term: 1. The riangle Sum Theorem states that the sum of the measures of the interior angles of a triangle is 180 degrees. 2. The xterior Angle Theorem states that the measure of an exterior angle of a triangle is equal to the sum of the measures of the remote interior angles of the triangle. 8.G.5

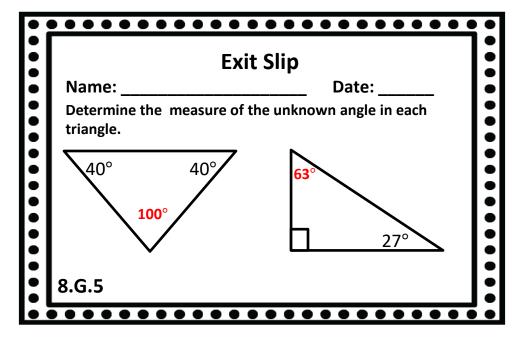
E	xit Slip
Name:	Date:
1. The Triangle Sum Theo	ne correct vocabulary term: remstates that the sum of the erior angles of a triangle is 180
an exterior angle of	ore states that the measure of a triangle is equal to the sum the remote interior angles of

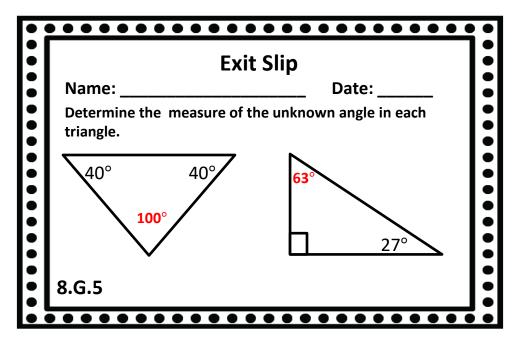
	Exit Slip
Name:	Date:
	the correct vocabulary term: coremstates that the sum of the
measures of the in degrees.	terior angles of a triangle is 180
	neorestates that the measure of
•	of a triangle is equal to the sum f the remote interior angles of

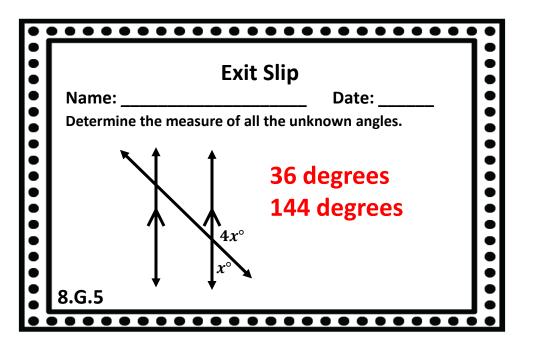
	Exit Slip
Name:	Date:
1. The Triangle Sum T	h the correct vocabulary term: heoremstates that the sum of the interior angles of a triangle is 180
an exterior angle	Theorestates that the measure of of of a triangle is equal to the sum of the remote interior angles of

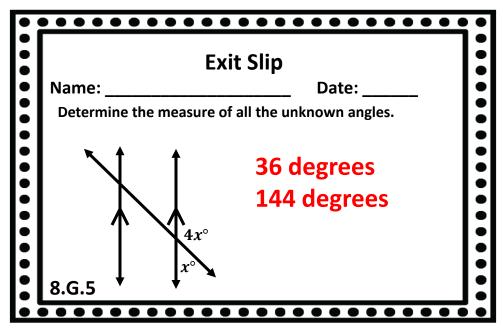


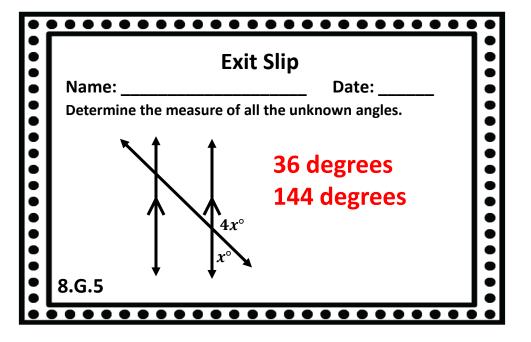


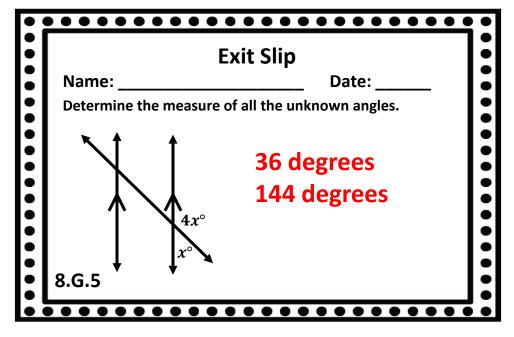


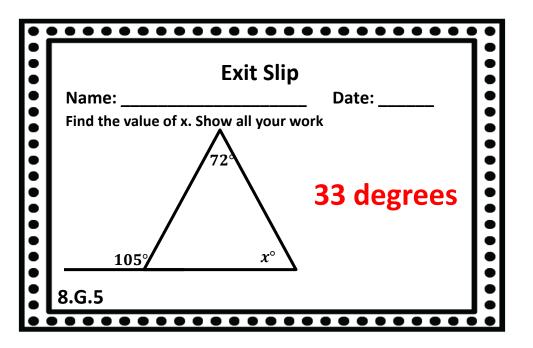


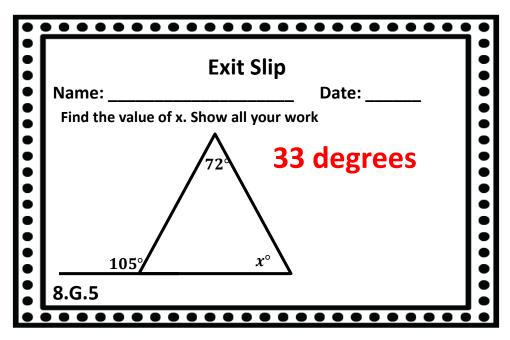


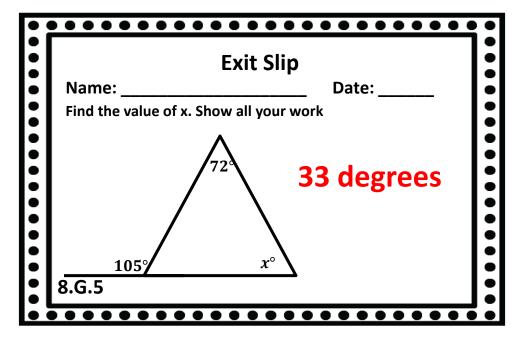


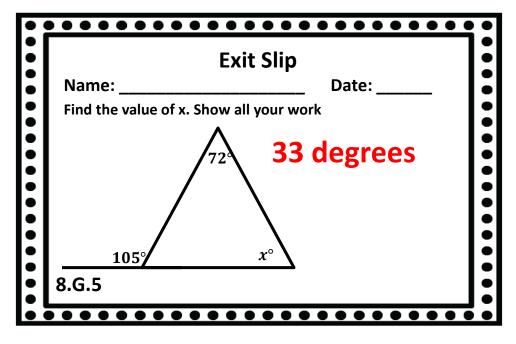


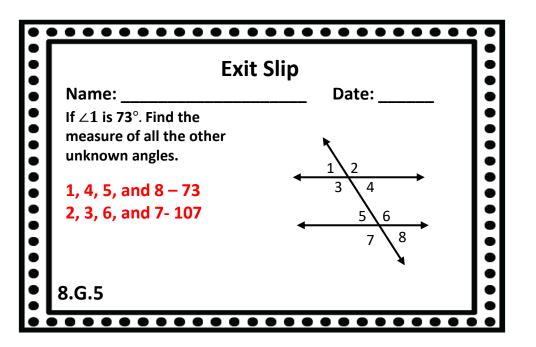


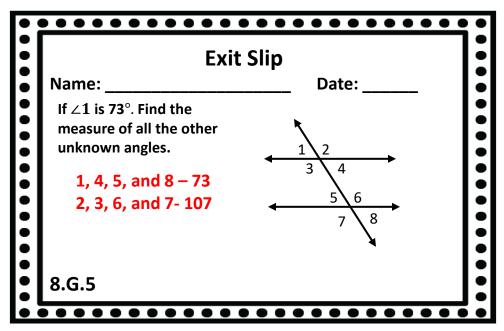


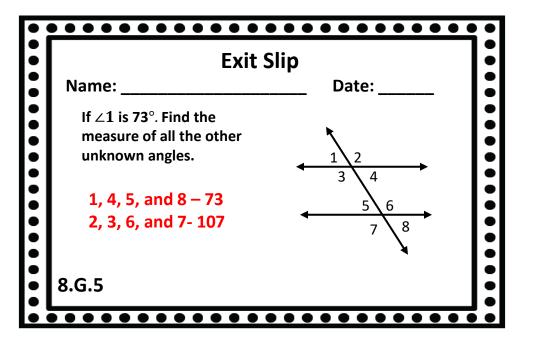


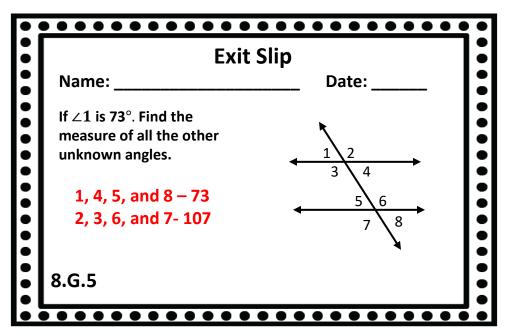


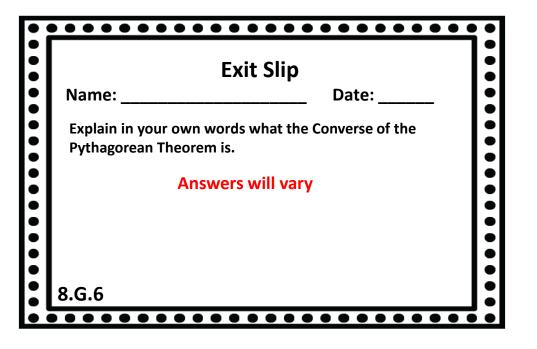


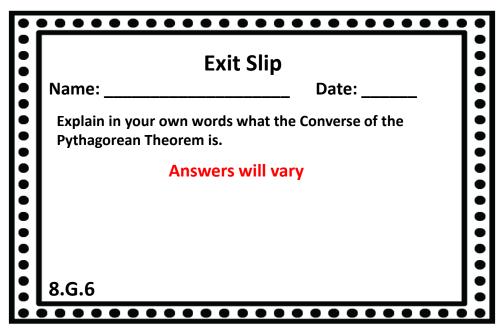






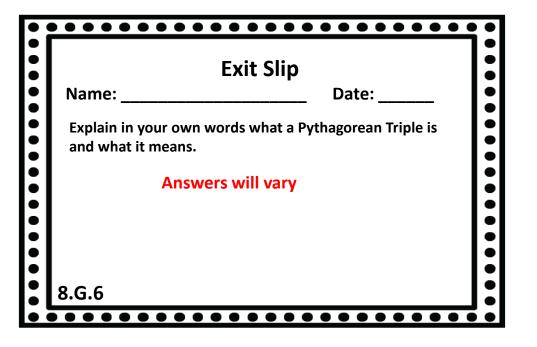






•	<u>•••••••</u> •		
	Exit Slip	•	
	Name: Date:	•	
•	Explain in your own words what the Converse of the Pythagorean Theorem is.	•	
	Answers will vary	•	
		•	
•		•	
	8.G.6		

	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:	9
•	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		
•			

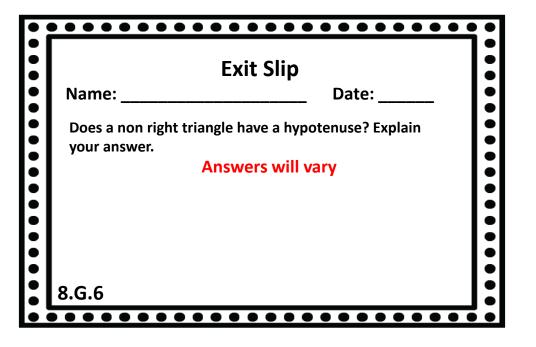
•		•
	Exit Slip	•
	Name: Date:	•
• • •	Explain in your own words what a Pythagorean Triple is and what it means.	
• • •	Answers will vary	
•		•
	8.G.6	

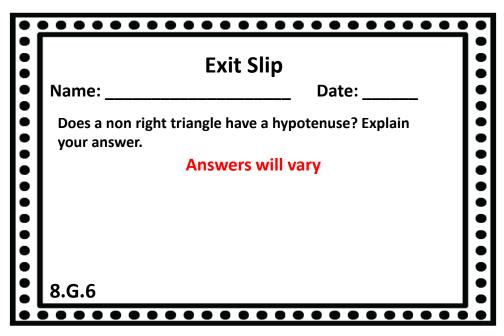
•	••••••	
	Exit Slip	
•	Name: Date:	
••••••••	Fill in the blank: The Converse of the Pythagorean Theorem is used to determine if triangles are <u>right</u> triangles.	•••••••
•	8.G.6	•

Exit Slip	
Name: Date: Fill in the blank: The Converse of the Pythagorean Theorem is used to determine if triangles areright 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 right triangles.	
•	8.G.6	:

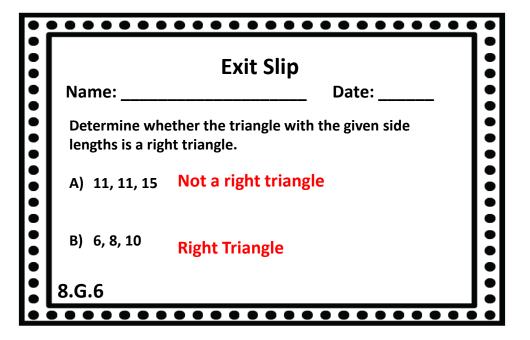
	Exit Slip	
••••••	Name: Date: Fill in the blank: The Converse of the Pythagorean Theorem is used to determine if triangles areright	
• • • • •	triangles.	
	8.G.6	

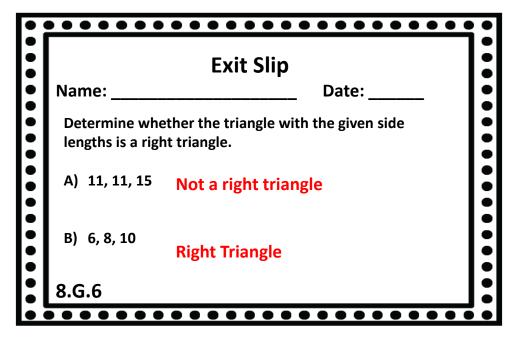




•	••••••	•
	Exit Slip	
	Name: Date:	•
•••••	Does a non right triangle have a hypotenuse? Explain your answer.	•
	Answers will vary	
•		•
•	8.G.6	•
•		•

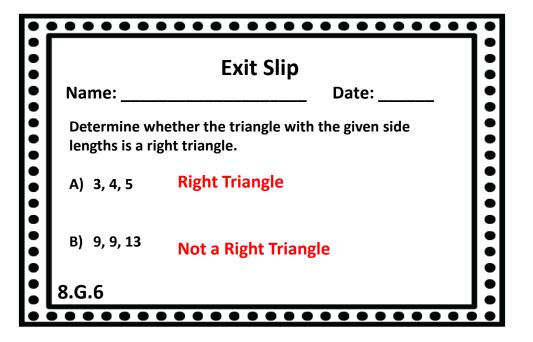
	••••••		
Exit Slip			
Name:	Date:		
Does a non right triangle have a hypotenuse? Explain your answer.			
Answers will vary			
8.G.6			

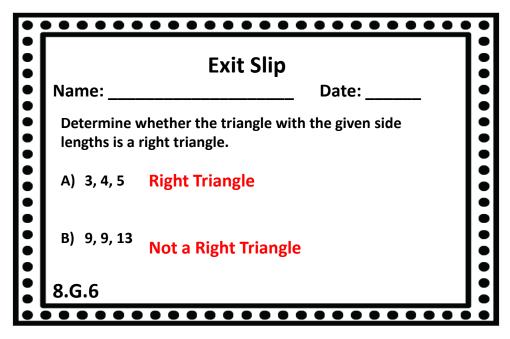




	• • • • • •		••
		Exit Slip	
	Name:	Date:	
• • • •	Determine whe lengths is a righ	ether the triangle with the given side at triangle.	•
•	A) 11, 11, 15	Not a right triangle	• •
	B) 6, 8, 10	Right Triangle	
•	8.G.6		
•			•

	Exit Slip
Name:	Date:
Determine wh lengths is a rig	ether the triangle with the given side ht triangle.
A) 11, 11, 15	Not a right triangle
B) 6, 8, 10	Right Triangle
8.G.6	





		Evit Clin	• •
		Exit Slip	•
 •	Name:	Date:	•
• • • •	Determine whengths is a rig	nether the triangle with the given side ght triangle.	•
•	A) 3,4,5	Right Triangle	• • •
	B) 9,9,13	Not a Right Triangle	
	8.G.6		
		• • • • • • • • • • • • • • •	

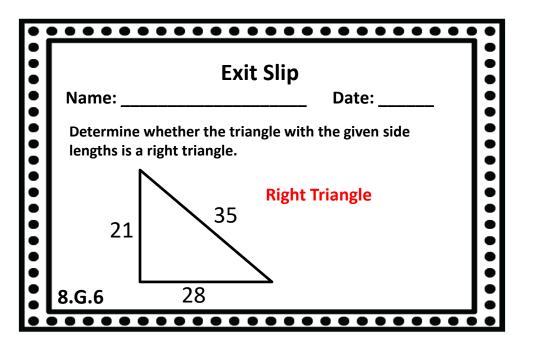
	Exit Slip
Name:	Date:
	hether the triangle with the given side ight triangle.
A) 3,4,5	Right Triangle
B) 9,9,13	Not a Right Triangle
8.G.6	

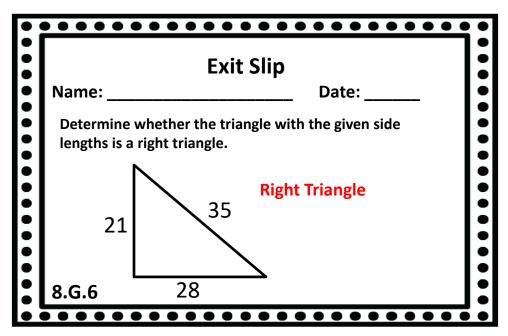
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	Name:	Date:	•
	Determine wh	ether the triangle with the given side ht triangle.	
	A) 7,7,7	Not a Right Triangle	•
	B) 8, 10, 12	Not a Right Triangle	
	8.G.6		

		Fuit Clin	
•	No.	Exit Slip	 •
•	Name:	Date:	•
•••••	Determine wh lengths is a rig	ether the triangle with the given side tht triangle.	
• • •	A) 7,7,7	Not a Right Triangle	
•	B) 8, 10, 12	Not a Right Triangle	
	8.G.6]:

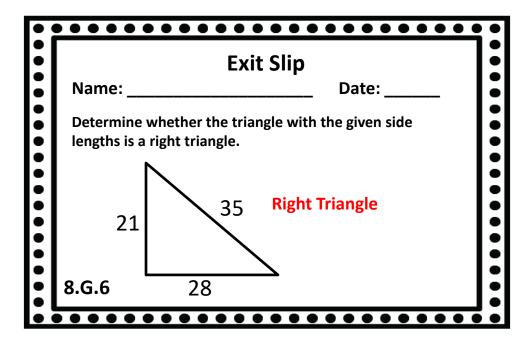
	Exit Slip
Name:	Date:
Determine wh lengths is a rig	ether the triangle with the given side ht triangle.
A) 7,7,7	Not a Right Triangle
B) 8, 10, 12	Not a Right Triangle
8.G.6	

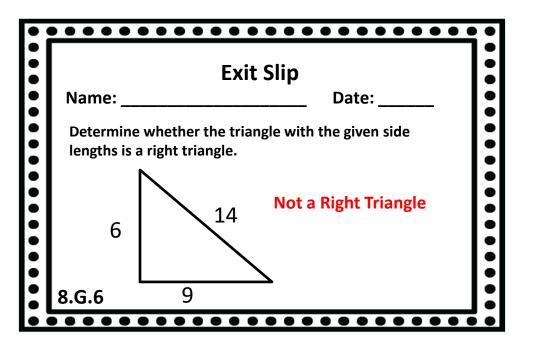
	Exit Slip
Name:	Date:
Determine whe	nether the triangle with the given side ght triangle.
A) 7,7,7	Not a Right Triangle
B) 8, 10, 12	Not a Right Triangle
8.G.6	

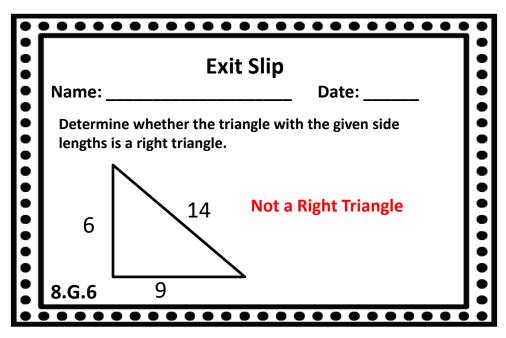




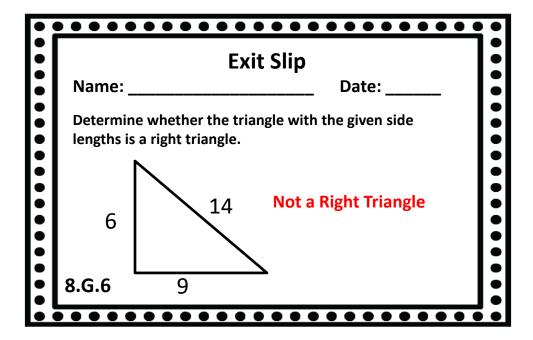
•	••••••	
	Exit Slip	
	Name: Date:	•
••••••	Determine whether the triangle with the given side lengths is a right triangle.	• • • •
• • • •	21 35 Right Triangle	
	8.G.6 28	•
•	••••••	

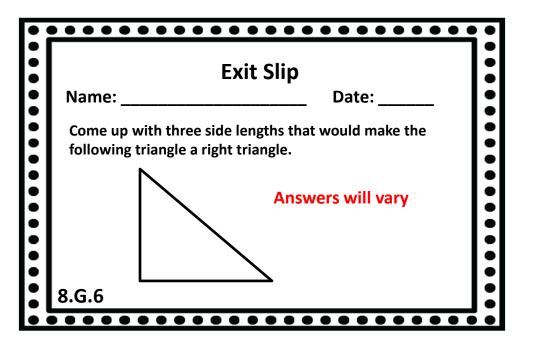


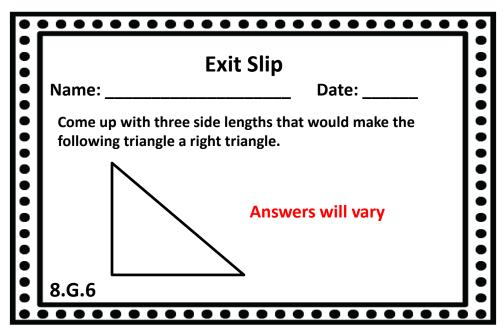


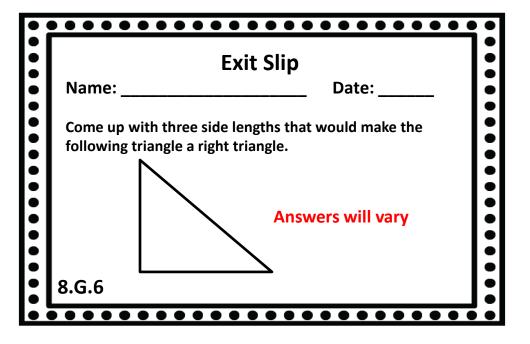


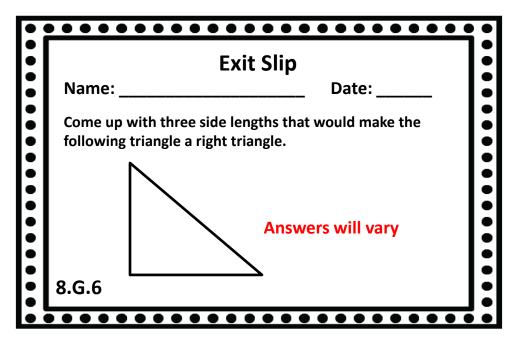
•	• • • •	 	•
		Exit Slip	•
	Name:	Date:	•
• • • • • • •		whether the triangle with the given side right triangle. 14 Not a Right Triangle	•••••••
	8.G.6	9	•
		• • • • • • • • • • • • • • • • •	•

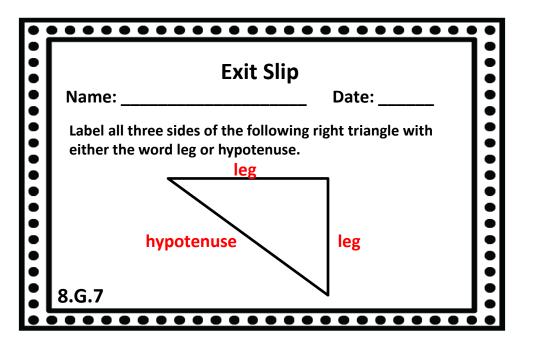


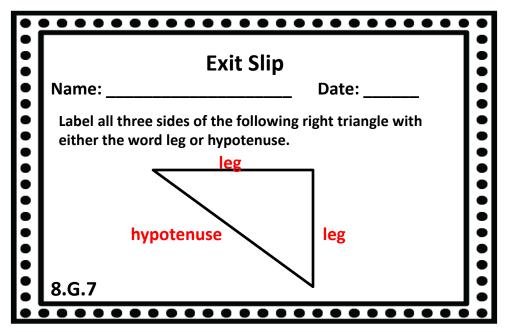


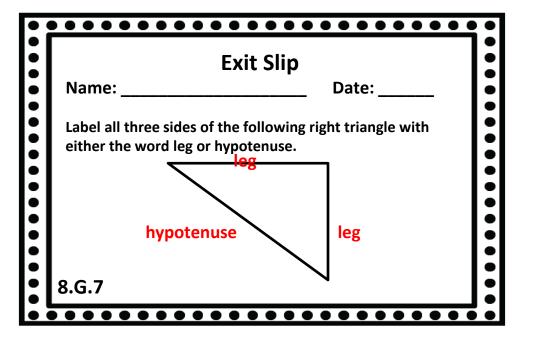


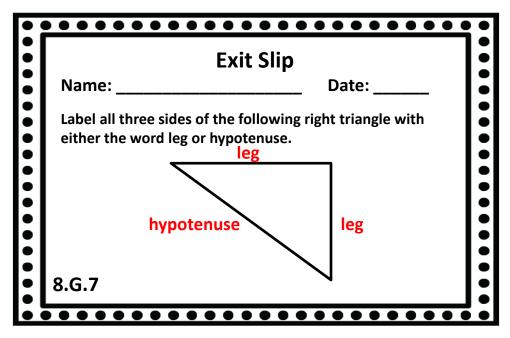


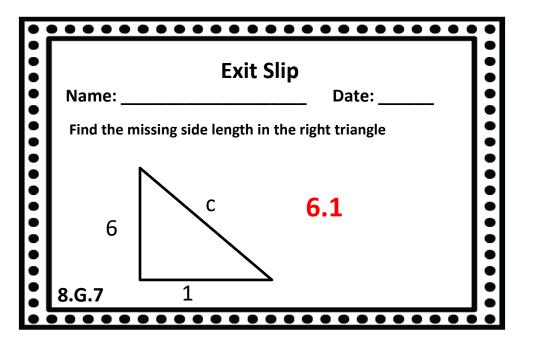


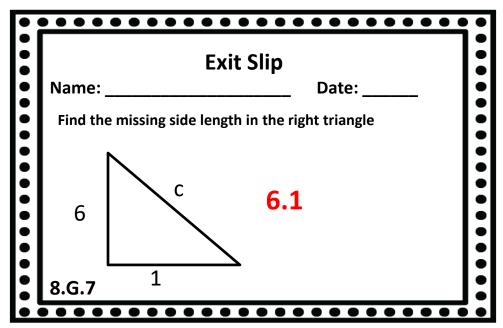




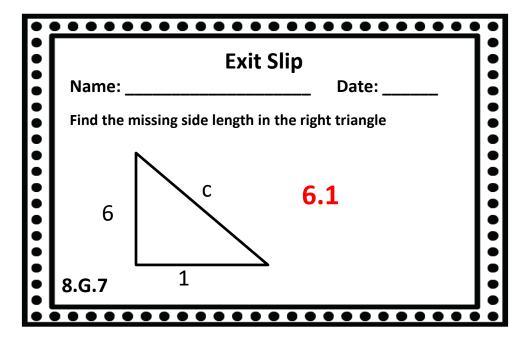


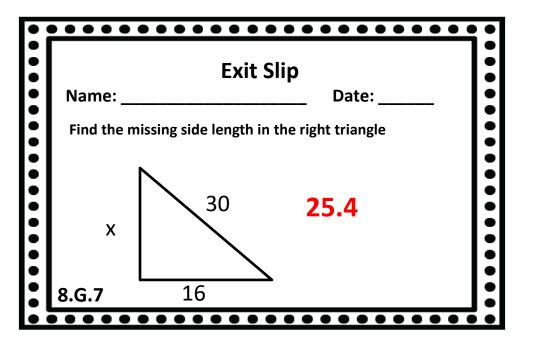


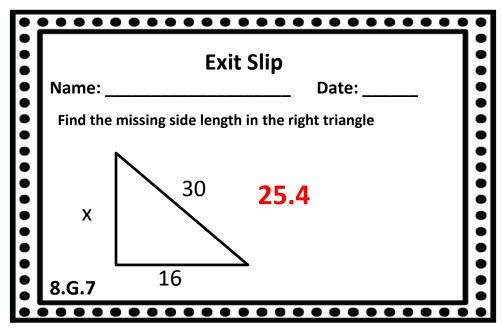


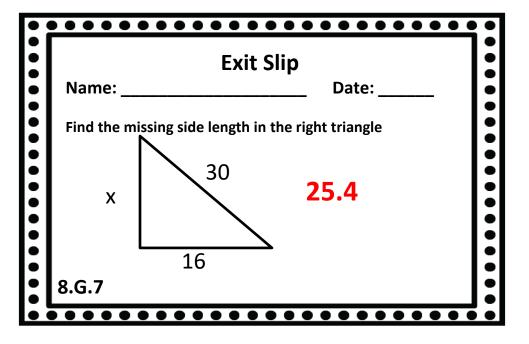


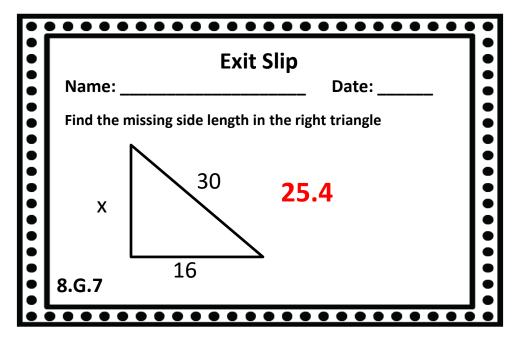
		Exit Slip	
	Name:	Date:	
	Find the mi	ssing side length in the right triangle	•
•••••	6	c 6.1	• • • • • •
	8.G.7	1	•
			•











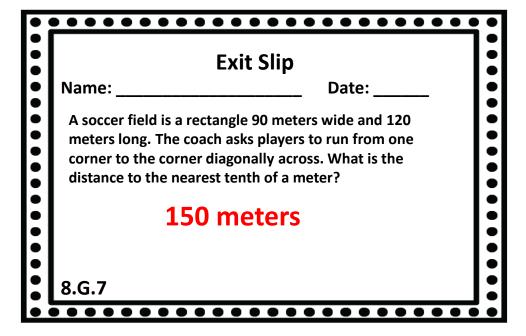
•	• • • • • • • • • • • • • • • • • • • •	
	Exit Slip	
•	Name: Date:	:
••••••••	A baseball diamond is a square with sides of 90 feet. What is the distance to the nearest tenth of a foot between home and second base?	
•	127.28 feet	
•		
•		
•	8.G.7	
•		

ř		
ı	Exit Slip	•
ı	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?	
ı	127.28 feet	
ı		
ı		
L	8.G.7	
	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	
•		

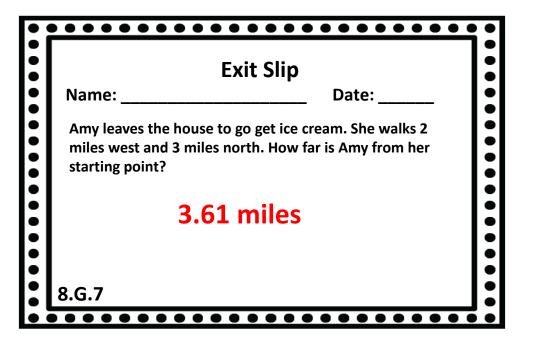
•		
•	Exit Slip	
•	Name: Date:	
• • • • •	A baseball diamond is a square with sides of 90 feet. What is the distance to the nearest tenth of a foot between home and second base?	
•	127.28 feet	
•	8.G.7	
•		i

	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	

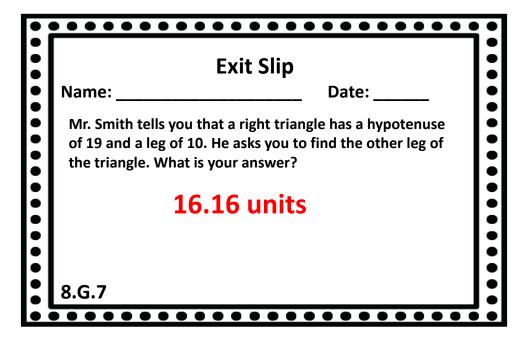


•		
	Exit Slip	
•	Name: Date:	•
• • • •	Amy leaves the house to go get ice cream. She walks 2 miles west and 3 miles north. How far is Amy from her starting point?	
	3.61 miles	•
		•
	8.G.7	•

	•••••••	
	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	Ŀ
•	Name: Date:	1
	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?	:
•	1C 1C	:
	16.16 units	:
		:
	8.G.7	 :
	0.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
and must be	on the root. If the ladder is 12 feet long placed seven feet away from the building. In the ladder reach up the building to help
8.G.7	13.89 feet

•	•••••	•
	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:
and must be place	e root. If the ladder is 12 feet long d seven feet away from the building. adder reach up the building to help
	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	

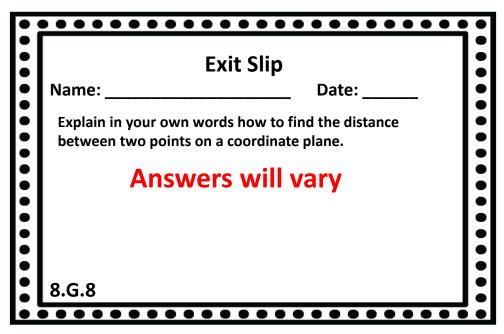
•	• <u>• • • • • • • • • • • • • • • • • • </u>	
•	Exit Slip	
•	Name: Date:	
• • • •	A fire truck parks 16 feet away from a building. The fire truck extends its ladder 30 feet to the very top of the building. How tall is the building?	
	25.38 feet	
•		
	8.G.7	

•		
•	Exit Slip	9
•	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	8

•		
	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:
·	et away from a building. The fire 30 feet to the very top of the building?
25.3	8 feet
8.G.7	

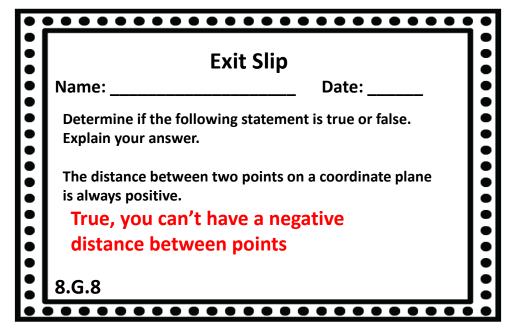




	7
Exit Slip	9
Name: Date:	
Explain in your own words how to find the distance petween two points on a coordinate plane.	
Answers will vary	
.G.8	
	Name: Date: Explain in your own words how to find the distance petween two points on a coordinate plane. Answers will vary

•	•••••	•
:	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	
• •		j e

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	

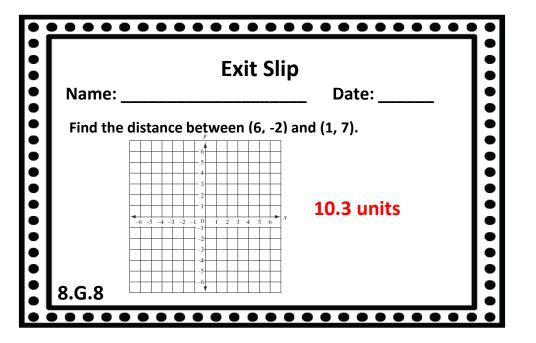
Е	xit Slip
Name:	Date:
Determine if the followin Explain your answer.	ng statement is true or false.
The distance between tw is always positive.	o points on a coordinate plane
True, you can't ha	ve a negative
distance between	points
8.G.8	

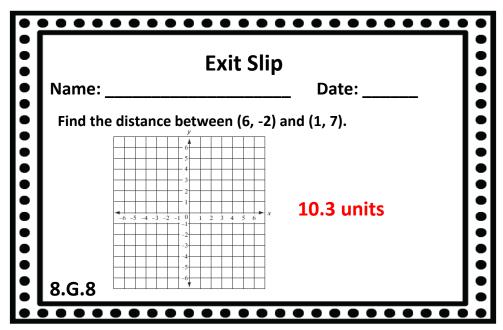
	Exit Slip	٦
 •	Name: Date:	1:
•••••	What is the distance formula for finding the distance between two points? $d=\sqrt{(x^2-x^1)^2+(y^2-y^1)^2}$	
•••••	8.G.8	

	Exit Slip
Name:	Date:
What is the distance between two points	e formula for finding the distance ?
$d=\sqrt{(x^2)^2}$	$(-x^1)^2 + (y^2 - y^1)^2$
8.G.8	

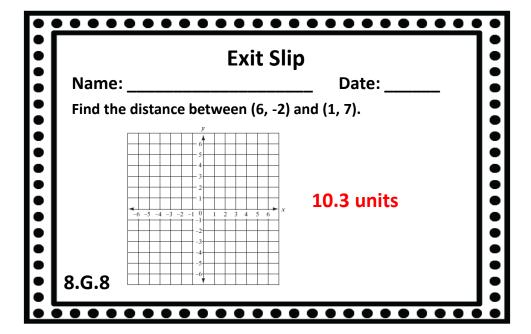
	Exit Slip
Name:	Date:
Name: What is the distance for between two points?	ormula for finding the distance
$d=(x^2-$	$(x^1)^2 + (y^2 - y^1)^2$
8.G.8	

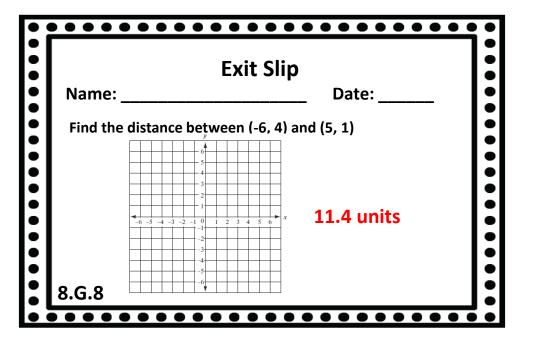
7	•••••	•
	Exit Slip	•
	Name: Date:	-
	What is the distance formula for finding the distance between two points?	•
	$d = \sqrt{(x^2 - x^1)^2 + (y^2 - y^1)^2}$	•
		•
	8.G.8	•
		•

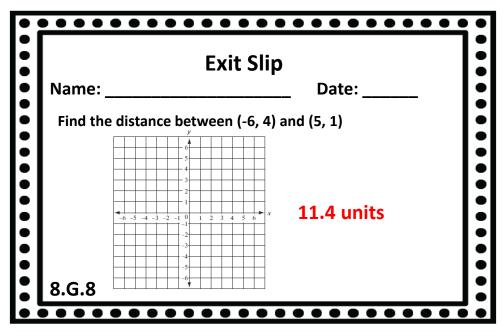




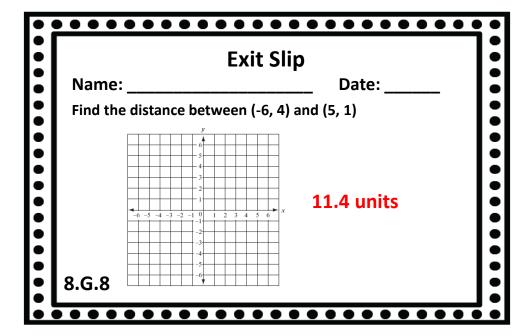
	Exit Slip
Name	: Date:
	e distance between (6, -2) and (1, 7).
	10.3 units
	-6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 x
8.G.8	-5

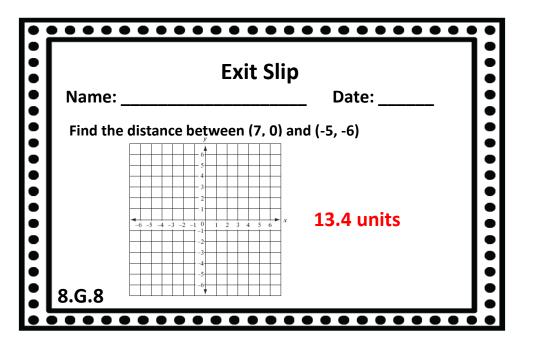


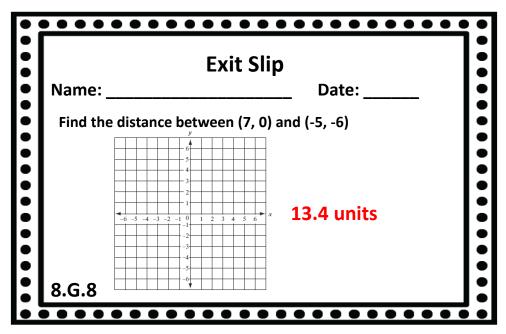




• • •	Exit Slip Name: Date:	•
		-
•	Find the distance between (-6, 4) and (5, 1)	•
•••••••••	11.4 units	••••••
• • •	8.G.8	•

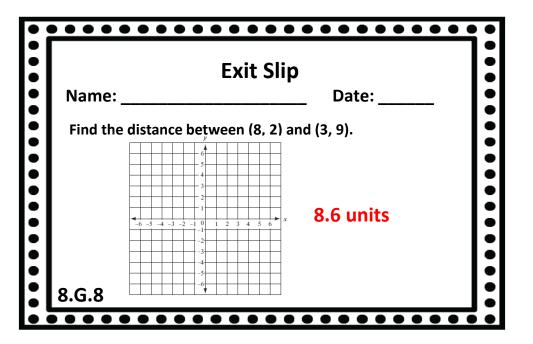


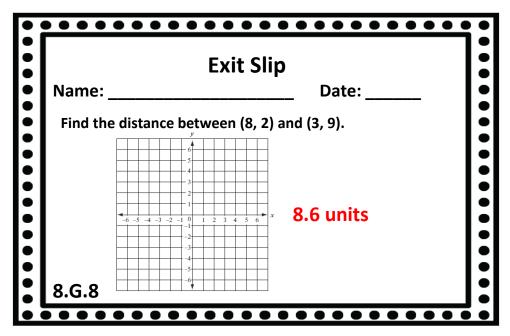




	Exit Slip
Name:	Date:
Find the distance be	tween (7, 0) and (-5, -6)
-6 -5 -4 -3 -2 -1 0 -6 -5 -4 -3 -2 -1 0 -7 -2 -3 -3 -4	13.4 units
8.G.8	

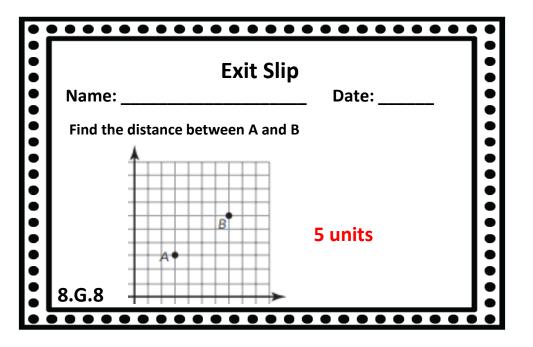
	Exit Slip
Name: _	Date:
Find the	distance between (7, 0) and (-5, -6)
	-6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 x 13.4 units
8.G.8	

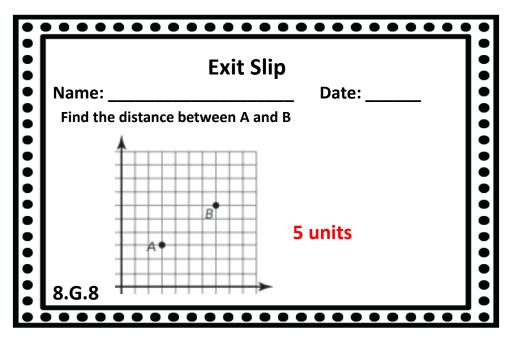


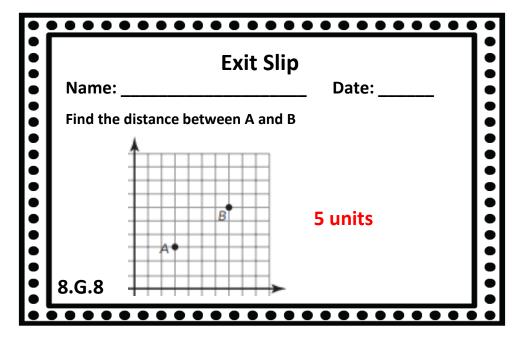


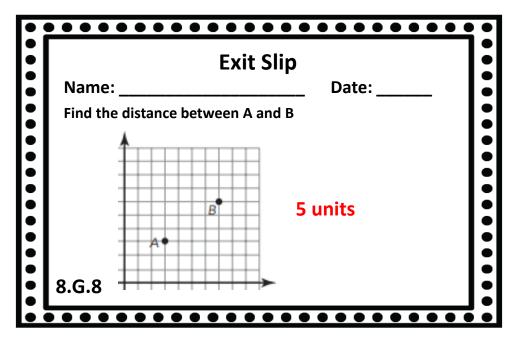
	Exit Slip
Name	: Date:
Name Find th	e distance between (8, 2) and (3, 9).
	8.6 units
8.G.8	

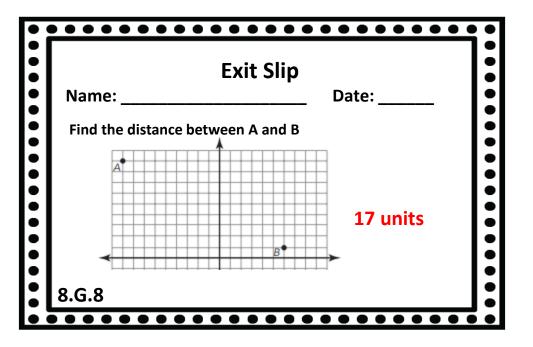
	Exit Slip
Name:	Date:
Find the distance b	etween (8, 2) and (3, 9).
	y 6
	3
	8.6 units
-6 -5 -4 -3 -2 -1	0 1 2 3 4 5 6 x
	344444444444444444444444444444444444444
8.G.8	6

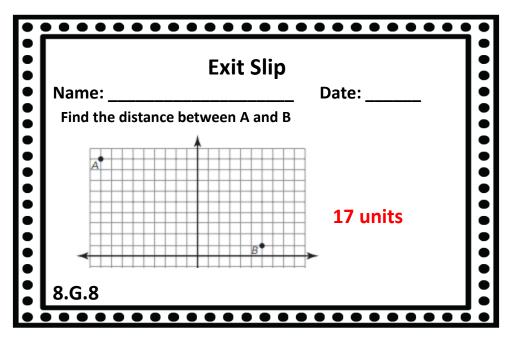


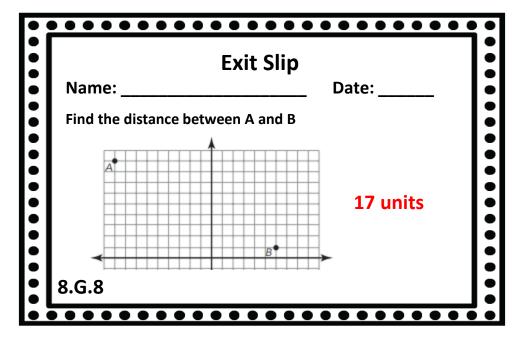


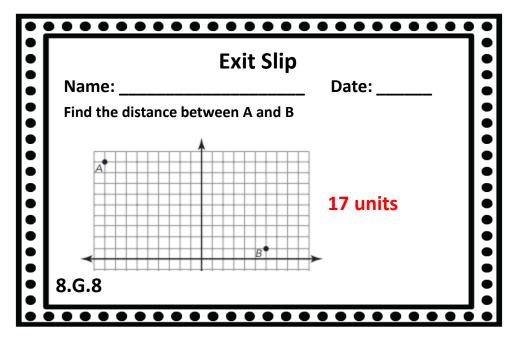


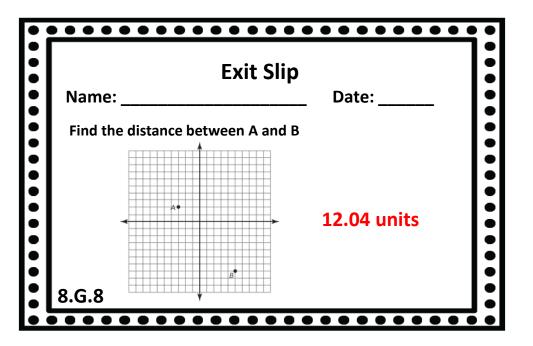


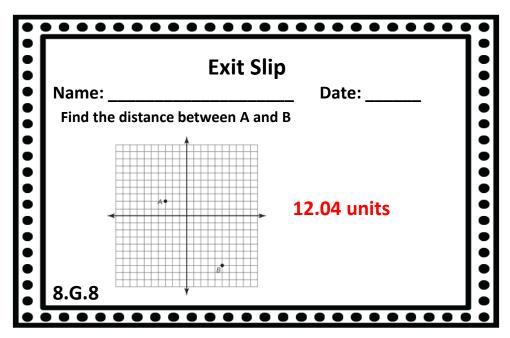


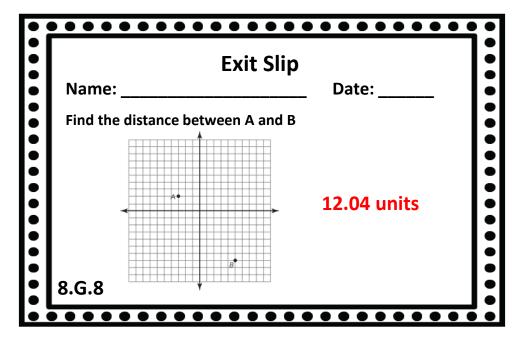


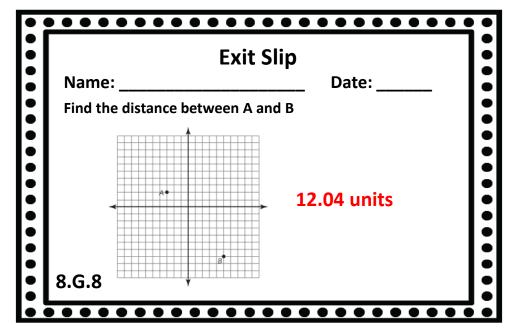










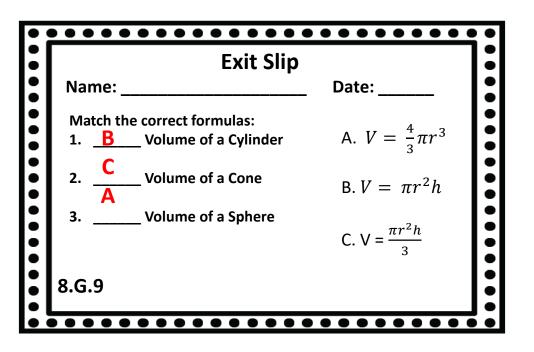


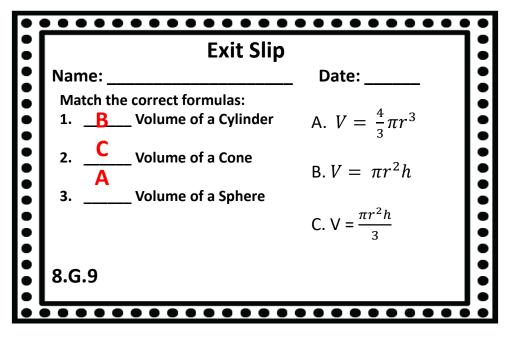
•		•
•	Exit Slip	•
•	Name: Date:	•
•	Write the formulas for the following:	
•	Cones: $V = \frac{\pi r^2 h}{3}$	•
• • • •	Cylinders: $V = \pi r^2 h$	
•	Spheres: $V=rac{4}{3}\pi r^3$	•
•	8.G.9	•
•	8.G.9	

	Ť
Exit Slip	
Name: Date:	
Write the formulas for the following:	
Cones: $V = \frac{\pi r^2 h}{3}$	
Cylinders: $oldsymbol{V}=oldsymbol{\pi r^2h}$	
Spheres: $V=rac{4}{3}\pi r^3$	
8.G.9	
	~~

	••••••	•
	Exit Slip	•
•	Name: Date:	•
	Write the formulas for the following:	•
	Cones: $V = \frac{\pi r^2 h}{3}$	•
•	Cylinders: $V = \frac{\pi r^2 h}{4}$	•
	Spheres: $V=rac{4}{3}\pi r^3$	
	8.G.9	•
•	 	•

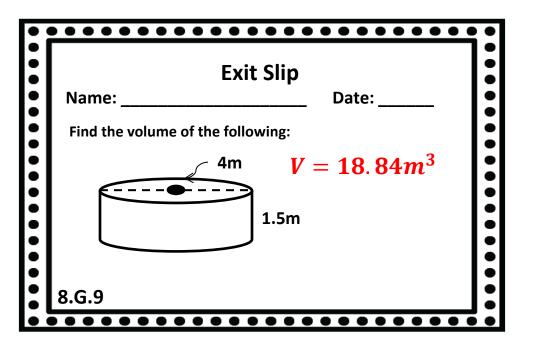
Exit Slip	
Name:	Date:
Write the formulas for the following:	
Cones: $V = \frac{\pi r^2 h}{3}$	
Cylinders: $V=\pi r^2 h$	
Spheres: $V=rac{4}{3}\pi r^3$	
8.G.9	
	•••••••

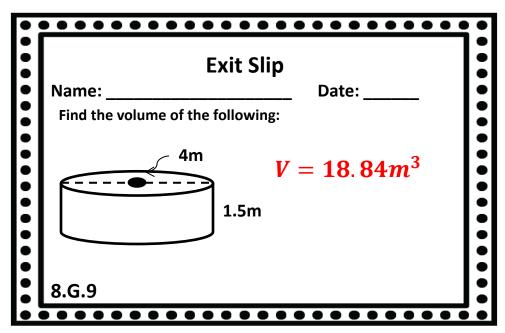




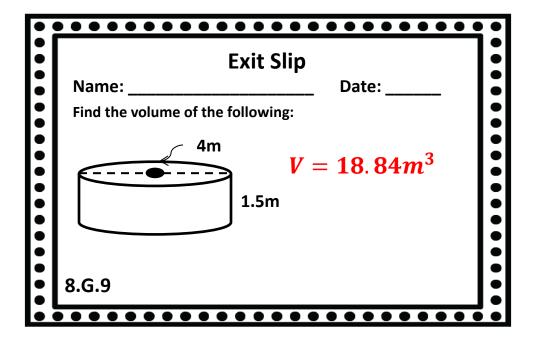
Exit Slip	
Name:	Date:
Match the correct formulas: 1 Volume of a Cylinder	A. $V = \frac{4}{3}\pi r^3$
2 Volume of a Cone	B. $V = \pi r^2 h$
3 Volume of a Sphere	2,
	$C. V = \frac{\pi r^2 h}{3}$
8.G.9	
	• • • • • • • •

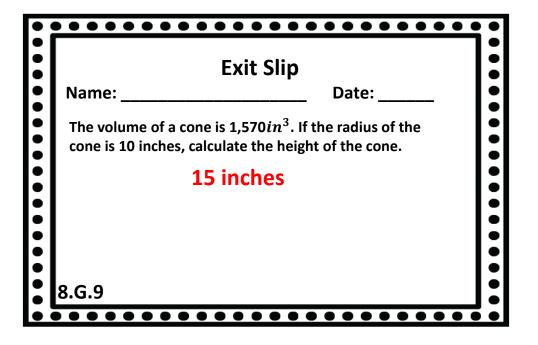
Date:
4
A. $V = \frac{4}{3}\pi r^3$
B. $V = \pi r^2 h$
C. $V = \frac{\pi r^2 h}{3}$

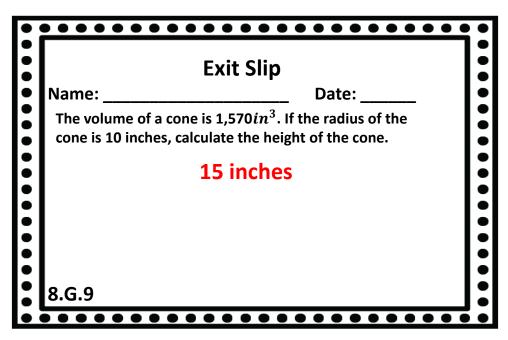




	Exit Slip	
•	Name: Date:	•
	Find the volume of the following:	
• • •	$V = 18.84m^3$	• • • •
•		•
	8.G.9	
		•

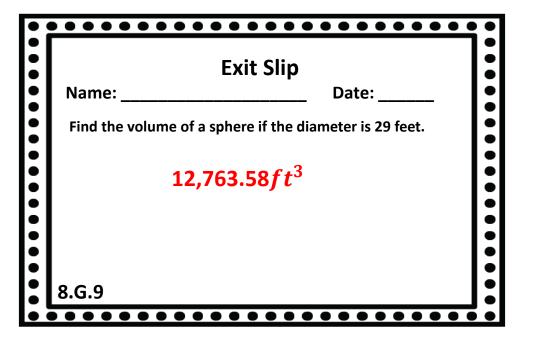






•		
•	Exit Slip	
•	Name: Date:	•
•••••••	The volume of a cone is 1,570 in^3 . If the radius of the cone is 10 inches, calculate the height of the cone.	
•	15 inches	
•		•
•		•
	8.G.9	
•		

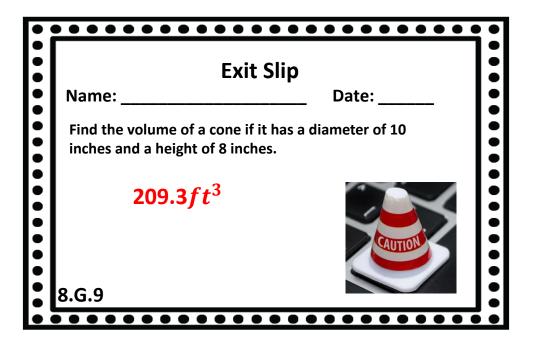
	Exit Slip
Name:	Date:
	is 1,570 in^3 . If the radius of the culate the height of the cone.
15	inches
8.G.9	

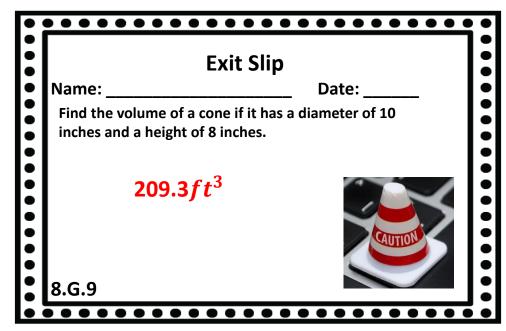


	Exit Slip	
•	Name: Date:	•
	Find the volume of a sphere if the diameter is 29 feet.	•
	12,763.58 <i>f t</i> ³	•
		•
		•
•	8.G.9	•

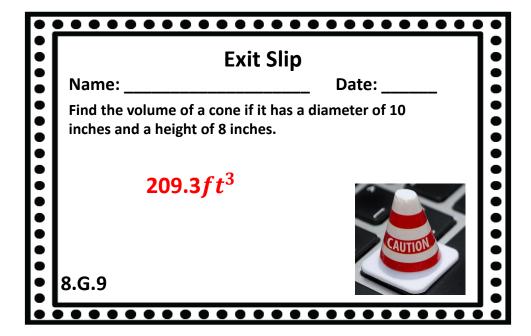
	Exit Slip	
• • •	Name: Date:	•
	Find the volume of a sphere if the diameter is 29 feet.	•
•	12,763.58 <i>f</i> t ³	
•		:
•		•
		•
		•
	8.G.9	
	• • • • • • • • • • • • • • • • • • • •	•

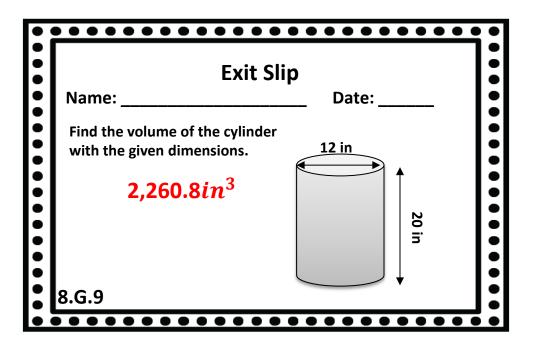
•	•••••			
	Exit Slip			
•	Name: Date:	•		
	Find the volume of a sphere if the diameter is 29 feet.	•		
•	12,763.58 ft^3			
		•		
	8.G.9	•		

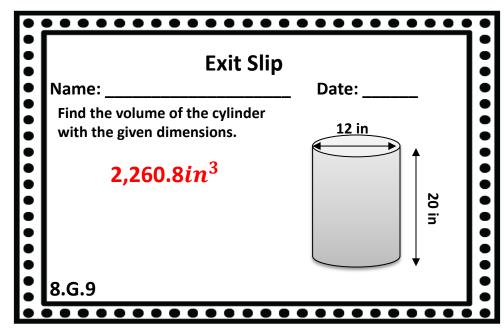


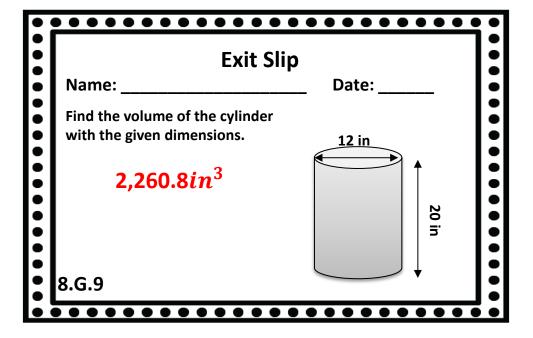


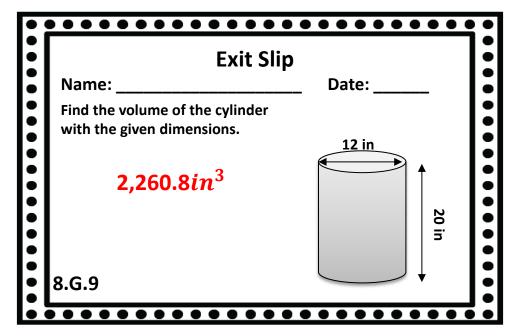
	Exit Sli	p
•	Name:	Date:
	Find the volume of a cone if it has inches and a height of 8 inches.	s a diameter of 10
• • •	209.3ft ³	
•		CAUTION
	8.G.9	
•		

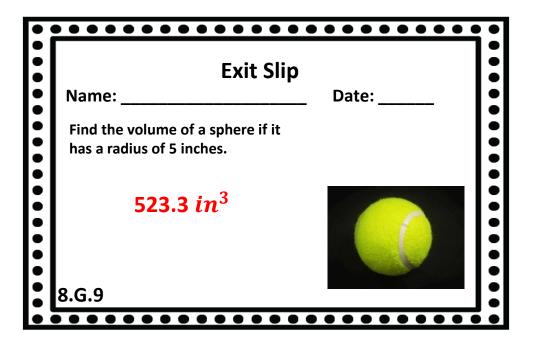


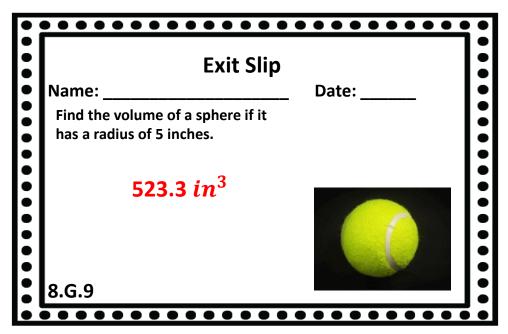


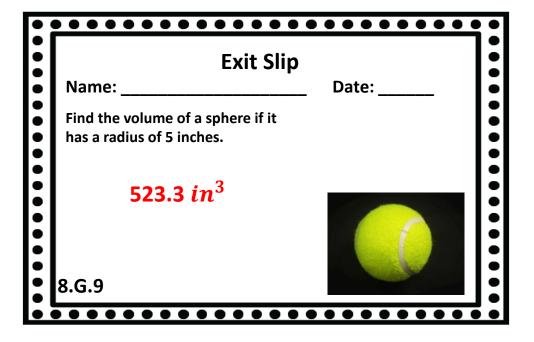


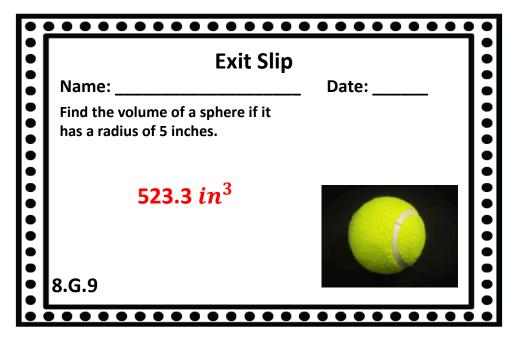






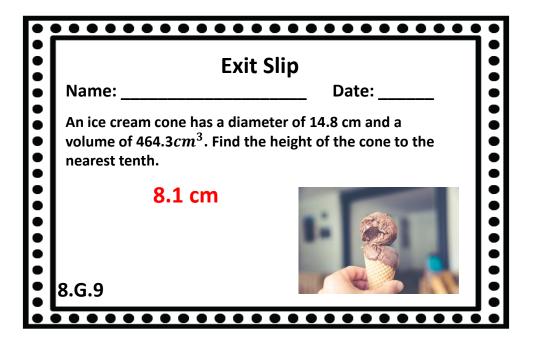


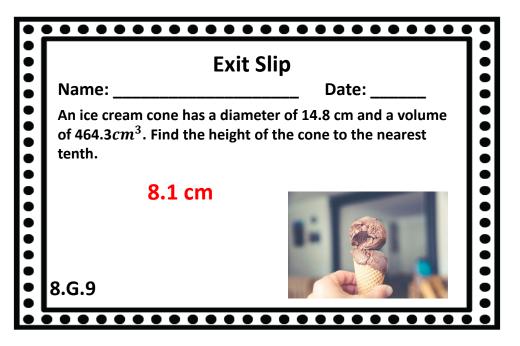


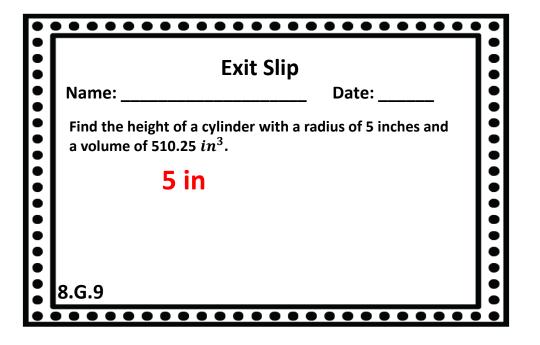


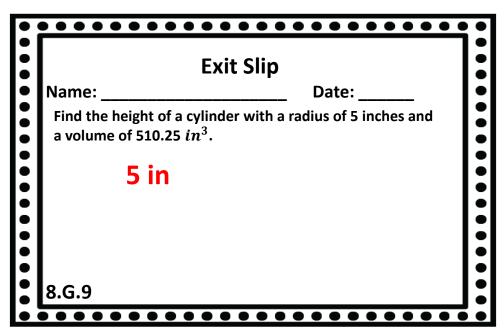












	Exit Slip		
•	Name: Date:	ŀ	
	Find the height of a cylinder with a radius of 5 inches and a volume of 510.25 in^3 .		
	5 in		
	8.G.9		

Exit Slip				
Name: Date: Find the height of a cylinder with a radius of 5 inches and a volume of 510.25 in^3 .				
8.G.9				

Thank you SO MUCH for purchasing this product!

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~Math in the Midwest

