



Student Test Printout

STUDENT: ANGELOU, MAYA

INSTRUCTIONAL
PLANNING

Class: ELA Whole Class

Teacher: Michael Brown



Time Period: 08/14/17 - 06/15/18

Test Date: 09/06/17

Test Time: 24 minutes

Number of items: 43

Student Quantile: 1020

SCREENER ADDITION



100% correct (5 seconds or less)

Question	Correct Answer	Student Answer	Duration	Correct
$3 + 7 = ?$	10	10	3	YES
$7 + 8 = ?$	15	15	2	YES
$5 + 4 = ?$	9	9	3	YES
$5 + ? = 12$	7	7	2	YES
$13 = 5 + ?$	8	8	2	YES
$? = 5 + 6$	11	11	2	YES
$? = 4 + 6$	10	10	2	YES
$? + 8 = 6 + 6$	4	4	6	NO
$6 + 8 = 10 + ?$	4	4	5	YES
$5 + 9 = 10 + ?$	4	4	3	YES

○ Indicates possible need for work on fact fluency.

● Indicates that the student is fluent on tested facts.

Using This Report

Purpose: This report details the items administered to a student on the

Follow-Up: Review the items with the student, helping the student to understand any errors made. Look for items that may have been answered too quickly, and encourage the student to work through each problem



Student Test Printout (page 2)

STUDENT: ANGELOU, MAYA

Class: ELA Whole Class

Teacher: Michael Brown

SCREENER MULTIPLICATION

90% correct (5 seconds or less)

Question	Correct Answer	Student Answer	Duration	Correct
$7 \times 8 = ?$	56	56	7	NO
$6 \times 7 = ?$	42	42	3	YES
$4 \times 8 = ?$	32	32	4	YES
$? = 4 \times 6$	24	24	2	YES
$6 \times ? = 48$	8	8	7	NO
$? \times 4 = 12$	3	3	6	NO
$45 = 5 \times ?$	9	9	4	YES
$3 \times 6 = 6 \times ?$	3	3	3	YES
$3 \times ? = 7 \times 3$	7	7	4	YES
$3 \times 8 = 4 \times ?$	6	6	16	NO



$$24 \overline{)432}$$

- (A) 18
- (B) 19
- (C) 21
- (D) 22

Correct Answer: A

Student Answer: A

Response Time: 1 min, 3 sec

Which is $3.6 \div 4$?

- (A) 4
- (B) 3.2
- (C) 1
- (D) 0.9

Correct Answer: D

Student Answer: D

Response Time: 18 sec



Which is equivalent to $2\frac{3}{5} \times 1\frac{3}{8}$?

Ⓐ $(2 \times 1) + (\frac{3}{5} \times \frac{3}{8})$

Ⓑ $(2\frac{3}{5} \times 1) + (2\frac{3}{5} \times \frac{3}{8})$

Ⓒ $(2 \times 1\frac{3}{8}) \times (\frac{3}{5} \times 1\frac{3}{8})$

Ⓓ $(2 \times \frac{3}{8}) + (1 \times \frac{3}{5})$

Correct Answer: B

Student Answer: A

Response Time: 1 min, 40 sec

Eduardo spent $\frac{4}{5}$ hour practicing 3 songs on his saxophone.

He spent the same amount of time practicing each song.

Which is the amount of time that Eduardo spent practicing each song?

Ⓐ $\frac{4}{15}$ hour

Ⓑ $\frac{5}{12}$ hour

Ⓒ $2\frac{2}{5}$ hours

Ⓓ $3\frac{3}{4}$ hours

Correct Answer: A

Student Answer: C

Response Time: 36 sec



$$\frac{5}{8} - \frac{1}{2} = \square$$

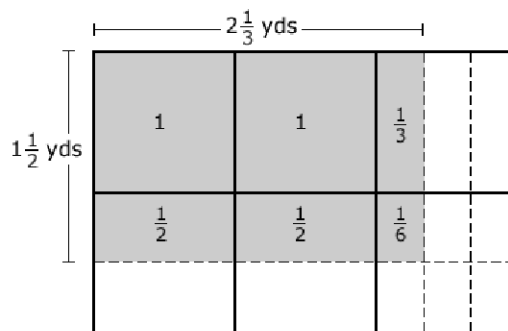
- Ⓐ $\frac{2}{3}$
- Ⓑ $\frac{1}{2}$
- Ⓒ $\frac{1}{4}$
- Ⓓ $\frac{1}{8}$

Correct Answer: D

Student Answer: D

Response Time: 6 sec

Erin is building a table. The table is $2\frac{1}{3}$ yards long and $1\frac{1}{2}$ yards wide. Which expression will help Erin find the area of the table?



- Ⓐ $3 + \frac{6}{6} + \frac{2}{6} + \frac{1}{6}$
- Ⓑ $3 + \frac{6}{6} + \frac{3}{6} + \frac{1}{6}$
- Ⓒ $3 + \frac{2}{6} + \frac{1}{6}$
- Ⓓ $3 + \frac{3}{6} + \frac{1}{6}$

Correct Answer: C

Student Answer: C

Response Time: 1 min, 11 sec



$$1\frac{3}{4} \div 2\frac{1}{2} = \square$$

Ⓐ $\frac{8}{35}$

Ⓑ $\frac{7}{10}$

Ⓒ $1\frac{3}{7}$

Ⓓ $4\frac{3}{8}$

Correct Answer: B

Student Answer: B

Response Time: 29 sec

Marcus runs $5\frac{1}{2}$ laps around the park. Each lap is $1\frac{1}{2}$ miles. How many miles does Marcus run?

Ⓐ $5\frac{1}{4}$ miles

Ⓑ 7 miles

Ⓒ $8\frac{1}{4}$ miles

Ⓓ 11 miles

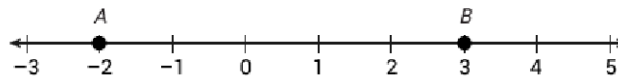
Correct Answer: C

Student Answer: C

Response Time: 1 min, 26 sec



Which expression is equivalent to the distance from point A to point B on the number line?



- (A) $-2 + (-3)$
- (B) $|-2 + 3|$
- (C) $|-2 - 3|$
- (D) $3 - 2$

Correct Answer: C

Student Answer: C

Response Time: 1 min, 53 sec

Ben creates a pattern using the rule "add 5." Laura creates a pattern using the rule "add 10."

Ben's pattern: 0, 5, 10, 15, 20, 25

Laura's pattern: 0, 10, 20, 30, 40, 50

Which is true?

- (A) Each term in Laura's pattern is 2 times the value of the term in the same position in Ben's pattern.
- (B) Each term in Ben's pattern is 5 times the value of the term in the same position in Laura's pattern.
- (C) Each term in Ben's pattern is 5 less than the value of the term in the same position in Laura's pattern.
- (D) Each term in Laura's pattern is 5 more than the value of the term in the same position in Ben's pattern.

Correct Answer: A

Student Answer: D

Response Time: 33 sec



Which ordered pair uses the rule used in the table?

x	2	4	5	6
y	5	9	11	13

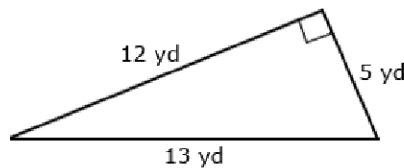
- (A) (8, 15)
- (B) (8, 17)
- (C) (8, 21)
- (D) (8, 23)

Correct Answer: B

Student Answer: B

Response Time: 23 sec

What is the area of the triangle?



- (A) 30 yd^2
- (B) 32.5 yd^2
- (C) 60 yd^2
- (D) 78 yd^2

Correct Answer: A

Student Answer: A

Response Time: 12 sec



Class: ELA Whole Class

Teacher: Michael Brown

Each 48-inch gutter guard is made by folding aluminum into a triangular prism as shown in the pattern. The height of the gutter cover is 3 inches, the length is 48 inches, and the sides of the triangular bases each measure $3\frac{1}{2}$ inches.

How many square inches of aluminum will it take to make one gutter guard?



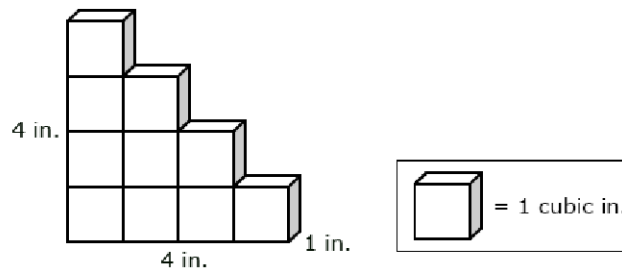
- (A) 252 sq in.
- (B) 504 sq in.
- (C) 514.5 sq in.
- (D) 1,008 sq in.

Correct Answer: C

Student Answer: A

Response Time: 3 min, 25 sec

What is the volume of this figure?



- (A) 9 cubic in.
- (B) 10 cubic in.
- (C) 16 cubic in.
- (D) 18 cubic in.

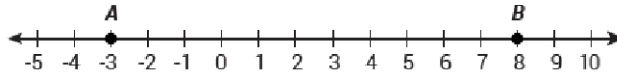
Correct Answer: B

Student Answer: B

Response Time: 1 min, 3 sec



Which expression describes the distance between point A and point B on the number line?



- (A) $|8 - 3|$ (B) $2|8 - 3|$
(C) $|8 - (-3)|$ (D) $|-3 + 8|$

Correct Answer: C

Student Answer: C

Response Time: 16 sec

The chart shows the heights of birdhouses in Jake's garden. If a birdhouse with a height of 25.5 centimeters is added, what will happen to the median height?

Heights of Birdhouses (in centimeters)

26.5	31.5	27.5	30.5	26.5	30	34
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- (A) There will be no change in the median height.
(B) The median height will decrease by 0.5 centimeters.
(C) The median height will decrease by 1.25 centimeters.
(D) The median height will decrease by 2.5 centimeters.

Correct Answer: C

Student Answer: B

Response Time: 2 min, 12 sec

**Class:** ELA Whole Class**Teacher:** Michael Brown

Inez polled 11 classmates about the number of hours they spend on homework each day. The data set represents her findings, in hours.

2, 1.5, 3, 2.5, 2, 0.5, 1, 3, 1.5, 6, 2.5

Inez wants to minimize the effect of outliers in her data. Which measure of variability should Inez use to describe the data?

2	1
1.5	3
3	1.5
2.5	6
2	2.5
0.5	

- (A) mean absolute deviation (B) range
(C) interquartile range (D) maximum

Correct Answer: C

Student Answer: A

Response Time: 24 sec

$$\frac{5}{6} \div 3 = \square$$

- (A) $\frac{5}{18}$ (B) $\frac{6}{15}$
(C) $2\frac{3}{6}$ (D) $3\frac{3}{5}$

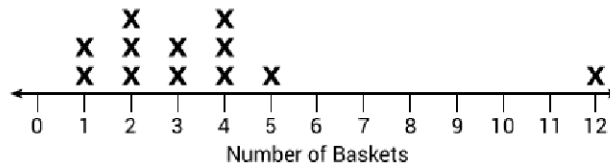
Correct Answer: A

Student Answer: A

Response Time: 8 sec



The line plot shows the number of baskets of apples Ivan sold at his fruit stand over a 12-hour period. Which measure of variability **best** describes the data?



- (A) range
(B) interquartile range
(C) mean absolute deviation
(D) maximum

Correct Answer: B

Student Answer: B

Response Time: 28 sec

The chart shows the heights of sandcastles at a beach. If a sandcastle with a height of 126.1 centimeters is added to the chart, what will happen to the median height?

Heights of Sandcastles (centimeters)

118.4	120	125	120.5	119.5	115	119.5
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- (A) There will be no change in the median height.
(B) The median height will increase by 0.25 centimeters.
(C) The median height will increase by 0.8 centimeters.
(D) The median height will increase by 1.1 centimeters.

Correct Answer: B

Student Answer: B

Response Time: 3 sec



Which inequality is **true**?

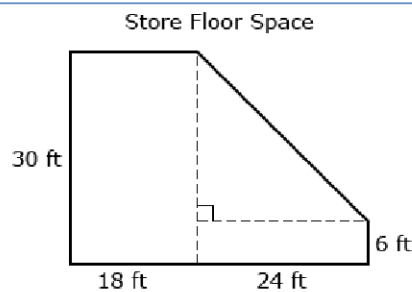
- Ⓐ $|-8| < -7$ Ⓑ $|-7| > 8$
Ⓒ $|-8| > -8$ Ⓓ $|-7| < 7$

Correct Answer: C

Student Answer: C

Response Time: 8 sec

A new store is opening in the mall. What is the area of the store's floor space?



- Ⓐ 684 ft^2
Ⓑ 972 ft^2
Ⓒ $1,044 \text{ ft}^2$
Ⓓ $1,260 \text{ ft}^2$

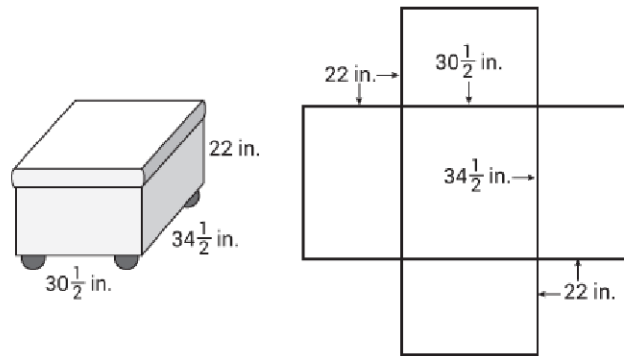
Correct Answer: B

Student Answer: B

Response Time: 3 sec



Karim plans to cover the ottoman with fabric around the sides and on the top. He made a net to calculate the amount of fabric he will need. Which equation could be used to find how much fabric Karim will need to cover the ottoman?



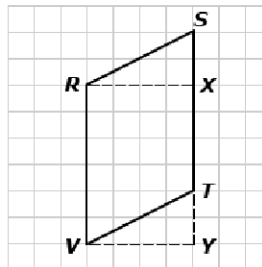
- (A) $(30\frac{1}{2} \times 34\frac{1}{2}) + 2(30\frac{1}{2} \times 22) + 2(34\frac{1}{2} \times 22)$
 $= 3,912\frac{1}{4}$ in.
- (B) $(30\frac{1}{2} \times 34\frac{1}{2}) + 2(30\frac{1}{2} \times 22) + 2(34\frac{1}{2} \times 22)$
 $= 4,205\frac{1}{2}$ in.
- (C) $(30\frac{1}{2} \times 34\frac{1}{2}) + 2(30\frac{1}{2} \times 22) + 2(34\frac{1}{2} \times 22)$
 $= 4,293\frac{1}{2}$ in.
- (D) $(30\frac{1}{2} \times 34\frac{1}{2}) + 2(30\frac{1}{2} \times 22) + 2(34\frac{1}{2} \times 22)$
 $= 4,964\frac{1}{2}$ in.

Correct Answer: A

Student Answer: A

Response Time: 2 sec

Ben has a piece of wood in the shape of the rectangle $RXYV$. He cuts out a corner piece in the shape of $\triangle VYT$ and attaches it to the side \overline{RX} to make a shelf in the shape of a parallelogram $RSTV$. Which statement is true?



- (A) The area of the shelf is equal to the area of the rectangular piece of wood minus the area of the corner piece.
- (B) The length of the side \overline{RX} of the rectangular piece of wood is equal to the length of the side \overline{RS} of the shelf.
- (C) The length of the side \overline{ST} of the shelf is equal to the length of the side \overline{XY} of the rectangular piece of wood.
- (D) The area of the shelf is equal to twice the area of the corner piece.

Correct Answer: C

Student Answer: A

Response Time: 2 sec



Which is 30% of \$57,000?

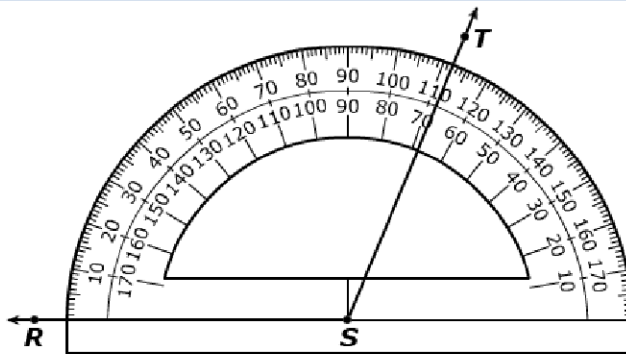
- (A) \$190,000
- (B) \$19,000
- (C) \$17,100
- (D) \$1,710

Correct Answer: C

Student Answer: C

Response Time: 13 sec

What is the measure of $\angle RST$?



- (A) 68°
- (B) 72°
- (C) 108°
- (D) 112°

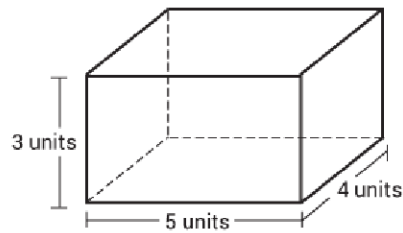
Correct Answer: D

Student Answer: D

Response Time: 8 sec



Which could be used to find the volume, V , of the rectangular prism?



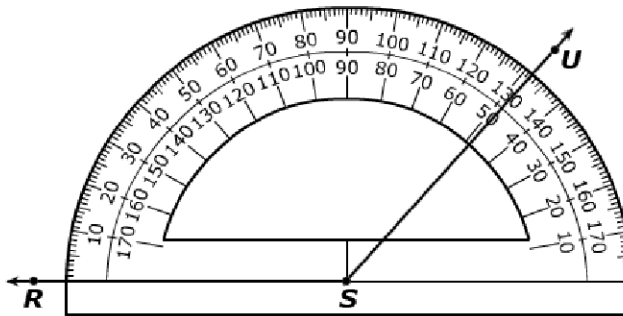
- (A) $V = 3 \times (4 \times 5)$
 $= 3 \times 20$
 $= 60$ cubic units
- (B) $V = 3 + (4 \times 5)$
 $= 3 + 20$
 $= 23$ cubic units
- (C) $V = (3 \times 4) + 5$
 $= 12 + 5$
 $= 17$ cubic units
- (D) $V = (3 + 4) + 5$
 $= 7 + 5$
 $= 12$ cubic units

Correct Answer: A

Student Answer: A

Response Time: 3 sec

What is the measure of $\angle RSU$?



- (A) 48°
- (B) 52°
- (C) 132°
- (D) 148°

Correct Answer: C

Student Answer: C

Response Time: 3 sec



Which is another way of writing $3 \div 2$?

Ⓐ $\frac{1}{2}$

Ⓑ $\frac{2}{3}$

Ⓒ 3×2

Ⓓ $\frac{3}{2}$

Correct Answer: D

Student Answer: D

Response Time: 3 sec

Which number has an absolute value that is equal to the absolute value of 32?

Ⓐ $\frac{1}{32}$

Ⓑ 0

Ⓒ $-\frac{1}{32}$

Ⓓ -32

Correct Answer: D

Student Answer: B

Response Time: 5 sec



Which inequality is **true**?

- Ⓐ $|-25| < |-11|$
- Ⓑ $-25 > -11$
- Ⓒ $-11 > |-25|$
- Ⓓ $|-11| > -25$

Correct Answer: D

Student Answer: C

Response Time: 8 sec

A recipe for lemon bars uses $1\frac{1}{2}$ sticks of butter. Ben wants to make 4 batches. How many sticks of butter does Ben need to make 4 batches of lemon bars?



- Ⓐ 6 sticks of butter
- Ⓑ $5\frac{1}{2}$ sticks of butter
- Ⓒ $4\frac{1}{2}$ sticks of butter
- Ⓓ 4 sticks of butter

Correct Answer: A

Student Answer: B

Response Time: 5 sec



A group of 8 friends baked a total of 6 pies.
If the group shares the pies equally, how
many pies will each person receive?

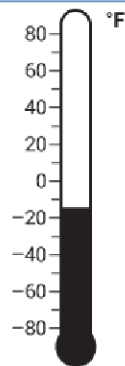
- (A) $\frac{3}{4}$ pie (B) $1\frac{1}{6}$ pies
- (C) $1\frac{1}{3}$ pies (D) 2 pies

Correct Answer: A

Student Answer: B

Response Time: 3 sec

Which equation shows the distance this
temperature is from zero?



- (A) $|15| = 15$
- (B) $|-15| = 15$
- (C) $|15| = -15$
- (D) $|-15| = -15$

Correct Answer: B

Student Answer: B

Response Time: 3 sec



Mario runs $5\frac{1}{3}$ miles. Dashay runs $3\frac{1}{2}$ miles.
How many **more** miles does Mario run than Dashay?

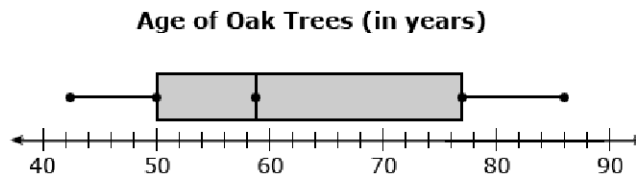
- (A) $2\frac{5}{6}$ miles
- (B) $2\frac{1}{6}$ miles
- (C) 2 miles
- (D) $1\frac{5}{6}$ miles

Correct Answer: D

Student Answer: B

Response Time: 3 sec

The box-and-whisker plot shows the ages of 100 oak trees in a park. How many of the oak trees are less than 50 years old?



- (A) 75
- (B) 25
- (C) 10
- (D) 8

Correct Answer: B

Student Answer: B

Response Time: 3 sec



The table shows the monthly rent and the number of available apartments in an apartment building. If another 2-bedroom apartment becomes available, which value will change the **most**?

Apartment Rentals

Apartment Type	Number Available	Monthly Rent
studio	8	\$450
1-bedroom	7	\$650
2-bedroom	2	\$1,100

- Ⓐ the mean of the monthly rent
- Ⓑ the median of the monthly rent
- Ⓒ the mode of the monthly rent
- Ⓓ the range of the monthly rent

Correct Answer: A

Student Answer: A

Response Time: 5 sec

Which product is **greatest**?

- Ⓐ $\frac{1}{3}(54,950 \times 18)$
- Ⓑ $\frac{1}{2}(54,950 \times 18)$
- Ⓒ $\frac{1}{2}(54,950 \times 907)$
- Ⓓ $\frac{1}{3}(54,950 \times 907)$

Correct Answer: C

Student Answer: B

Response Time: 3 sec



Which describes the relationship between the input and output?

Input	Output
0	0
2	6
4	12
6	18
8	24

- (A) The output is always 3 times the input. (B) The input is always 3 times the output.
(C) The output is always 4 more than the input. (D) The output is always 16 more than the input.

Correct Answer: A

Student Answer: A

Response Time: 3 sec

Emmet drank 2 pints of water. How many quarts of water did Emmet drink?

- (A) 1
(B) 2
(C) 3
(D) 4

Correct Answer: A

Student Answer: C

Response Time: 4 sec