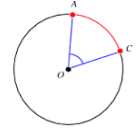


Name: _____



Grade 6 Week 28 Day 1

1. If $x = 5$, then which equation is NOT true?

- A $-2x \leq 12$
- B $x - 2 > 7$
- C $2x < 12$
- D $x - 7 < 2$

6.10B

2. Corinne purchased a necklace at 35% off. If the regular price was \$55, how much money did she save?

Record your answer on the grid below.
Be sure to use correct place value.

					.		
+	0	0	0	0		0	0
-	1	1	1	1		1	1
	2	2	2	2		2	2
	3	3	3	3		3	3
	4	4	4	4		4	4
	5	5	5	5		5	5
	6	6	6	6		6	6
	7	7	7	7		7	7
	8	8	8	8		8	8
	9	9	9	9		9	9

6.5B

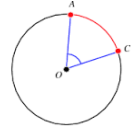
3. Anthony and Vanessa are playing a math game. Each player picks 6 integer cards and then finds the sum. Vanessa picked the cards shown above. What is the sum of the integers on Vanessa's cards?

-30	16	14	-8	6	-19
-----	----	----	----	---	-----

- A -33
- B -21
- C -5
- D 53

6.3D

Name: _____



Grade 6 Week 28 Day 2

1. Look at the table of values.

x	1	2	3	4	5
y	-2	-1	0	1	2

Which equation could describe the relationship between the values?

- A $y = -3x$
- B $y = x - 3$
- C $x = y - 3$
- D $y = x + 3$

6.6C

2. Benjamin has 3 dimes and 4 nickels in his pocket. What percent of a dollar does he have in his pocket?

- A 15%
- B 7%
- C 50%
- D 45%

6.4G

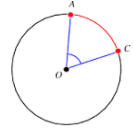
3. The ratio of boys to girls in Mrs. Hennington's class is 9:11. If there are 200 students in the school, how many students would you expect to be girls?

- A 90 students
- B 110 students
- C 100 students
- D 180 students

6.4B

Name: _____

math arcs
applying and reviewing concepts



Grade 6 Week 28 Day 3

1. Karla earns \$20.25 per hour. If she works for a total of 32 hours one week, how much would she earn for that week?

- A \$52.25
- B \$640
- C \$648
- D \$6,480

6.3E

2. Terry has 3 gallons of lemonade at his lemonade stand. How many cups are in 3 gallons?

- A 24 cups
- B 30 cups
- C 48 cups
- D 52 cups

6.4H

3. Joel divided his 8-hour drive into 3 parts. Which fraction represents this situation?

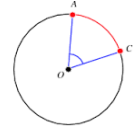
- A $\frac{8}{11}$
- B $\frac{3}{8}$
- C $\frac{8}{3}$
- D $\frac{3}{11}$

6.2E

Name: _____

math arcs

applying and reviewing concepts



Grade 6 Week 28 Day 4

1. A store sells boxed sets of checkers. The table shows the number of boxes per boxed set. How many checkers are in 6-boxed sets?

- A 24 checkers
- B 128 checkers
- C 140 checkers
- D 144 checkers

Number of Boxed Sets	Number of Checkers
1	24
3	72
5	120
7	168

6.4C

2. The temperature dropped 28 degrees overnight from 5 p.m. to 7 a.m. If the temperature at 5 p.m. was 17° , what was the temperature at 7 a.m.?

- A 9°
- B 45°
- C -9°
- D -11°

6.3D

3. Ja'Cobie recorded his last 5 test scores in the table below.

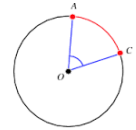
Unit #1	Unit #2	Unit #3	Unit #4	Unit #5
73	94	76	100	87

What is the mean of Ja'Cobie's test scores?

- A 76
- B 86
- C 88
- D 92

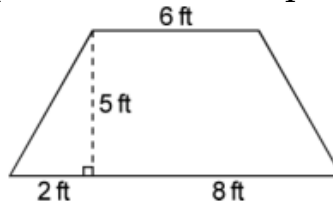
6.12C

Name: _____

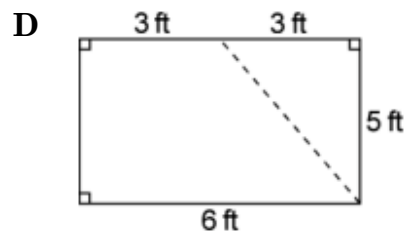
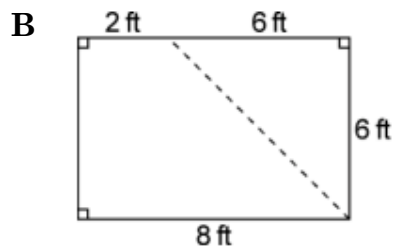
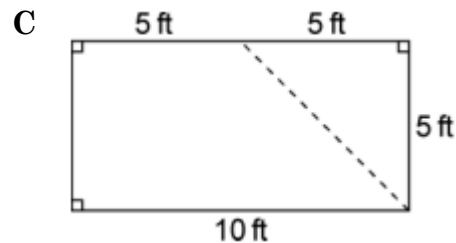
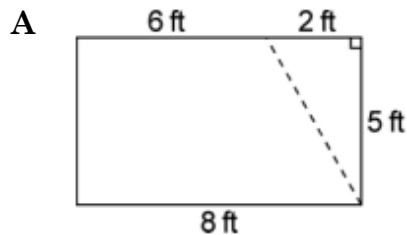


Grade 6 Week 28 Day 5

1. Mrs. Belle wants to calculate the area of a flower garden that is in the shape of an isosceles trapezoid. She made a drawing of the garden, in order to rearrange a triangular portion of the trapezoid.



Which of these shows how Mrs. Belle will rearrange the trapezoid to find the area of the flower garden?



6.8B

2. Which situation best represents the equation $\frac{x}{4} = 500$?

- A For graduation, there are 4 different sections of chairs. If there are a total of 500 chairs, how many chairs, x , are in each section?
- B There are 500 homes in Lucy's neighborhood. If there are 4 houses for sale right now, how many houses, x , are not for sale?
- C In a science experiment, Kelly is told to split the solution into 4 containers. After she pours the solution into the containers, each one has 500 ml. What was the volume, x , of the original solution?
- D The top 4 students in 6th grade are invited to the regional spelling bee. If there are 500 6th grade students who do not go to the spelling bee, how many total students, x , are there in 6th grade?

6.9C