THIRD SPACE LEARNING

8th Grade CA CSS State Test

State Test Grade 8

Grade 8

Questions

Name: ..... Class: .....

Date: ..... Score: .....

1 Which equation represents the graph of a line on the coordinate plane that has an x-intercept of (2, 0) and a y-intercept of (0, 8)?

A. $y = 4x - 8$

B. $y = -4x + 8$

C. $y = -\frac{1}{4}x + 8$

D. $y = \frac{1}{4}x - 8$

2 Select all the values for x that make this equation true.

$$x^3 = 432$$

A. $\sqrt[3]{432}$

B. $\sqrt{432}$

C. $6\sqrt[3]{12}$

D. $6\sqrt[3]{2}$

3 The points A(2, -3) and B(4, -6) are plotted on the coordinate plane. What is the distance between the points?

A. $5\sqrt{5}$
B. $\sqrt{13}$
C. $\sqrt{15}$
D. 5

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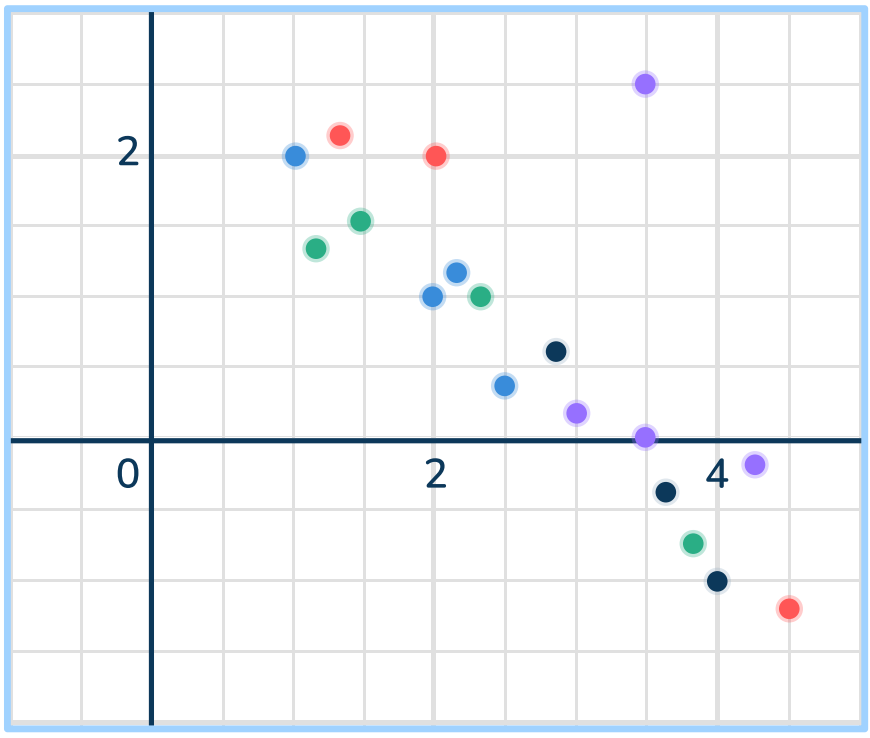
4 The graph below is a scatter plot. Which statement about the scatter plot is **NOT** true?



A. In general, x and y have a negative association
B. The relationship between x and y looks linear.
C. There appears to be 1 outlier.
D. The line of best fit will have a positive slope.

5 Which expressions have a value of $\frac{1}{64}$? Select all the correct answers.

A. $\frac{2^2}{2^8}$

B. $(2^3)^{-2}$

C. $2^{-8}+2^2$

D. $(2^5)^{-1}$

E. $2^8 \times 2^{-2}$

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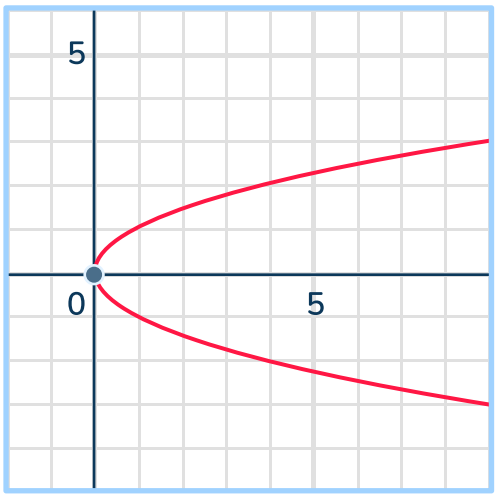
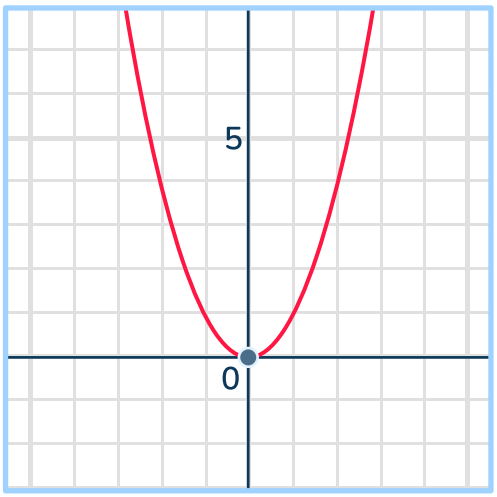
6 Which graph shows y to be a function of s?

A.



B.



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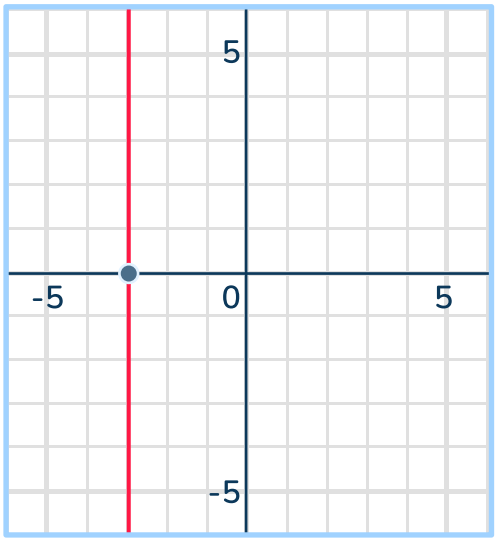
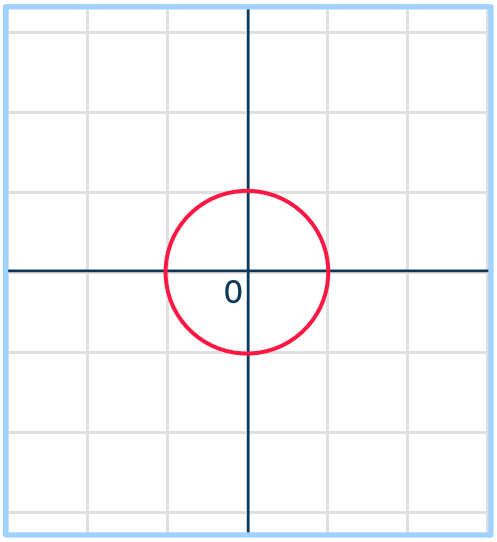
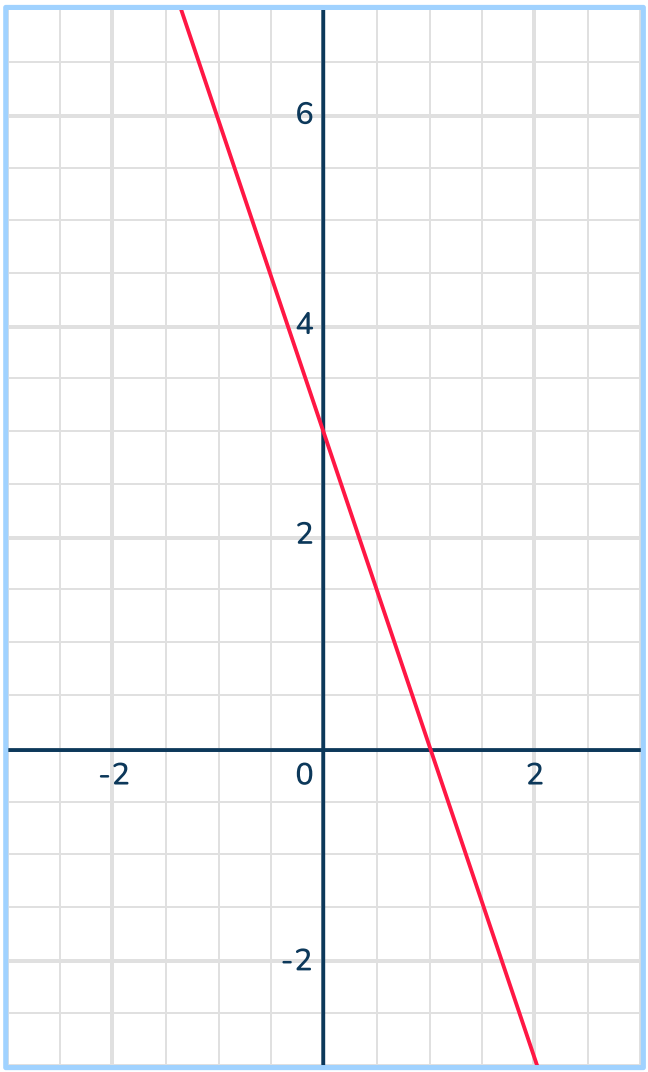


D.



7 Which equation represents the line on the coordinate plane?



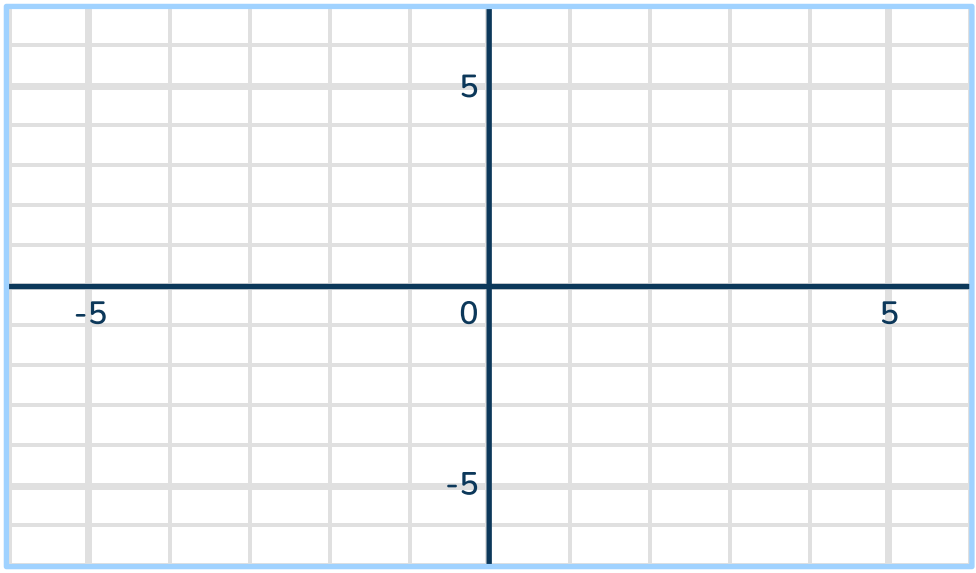
A. $y = 3x - 3$

B. $y = -\frac{1}{3}x + 3$

C. $y = \frac{1}{3}x - 3$

D. $y = -3x + 3$

8 △TGS with vertices T(0, 1), G(–2, 3), and S(–4, –1) will be rotated 180° about the origin. What will be the coordinates of S'?



A. (4, 1)
B. (–4, 1)
C. (4, –1)
D. (–4, –1)

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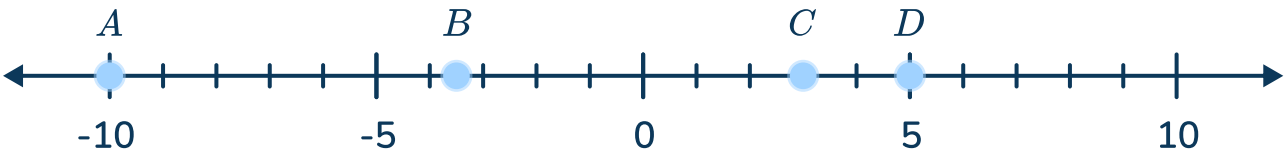
9 What is the value of the expression below?

$$\frac{0.5 \times 10^{3}}{2.5 \times 10^{7}}$$

A. 2×10^{-5}
B. 0.2×10^{4}
C. 0.5×10^{-5}
D. 5×10^{4}

10 Which point is closest to $\sqrt{10}$?



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11 Which table represents y as a nonlinear function of x?

A.

x	-2	-1	0	1
y	3	8	13	18

B.

x	1	2	3	4
y	$\frac{1}{2}$	$1\frac{1}{4}$	2	$2\frac{3}{4}$

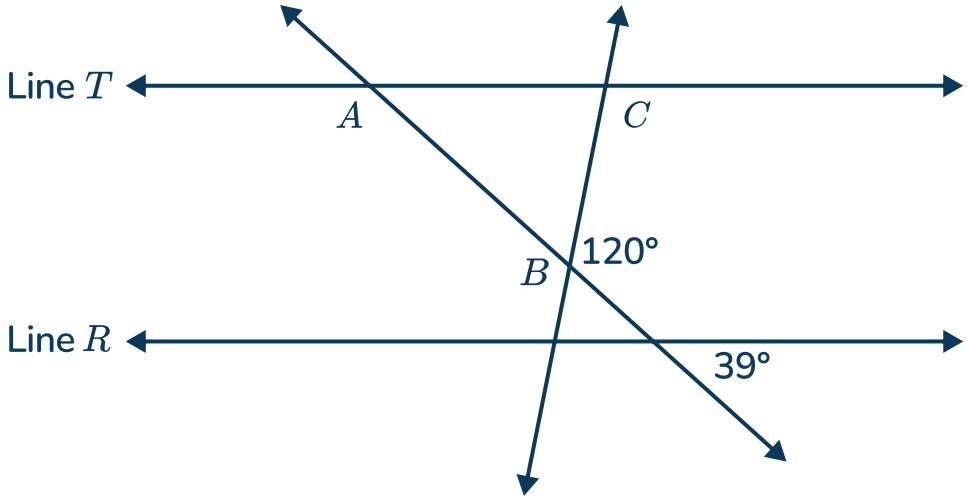
C.

x	2	3	4	5
y	-1	-3	-7	-13

D.

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

12 Line T and Line R are parallel lines, cut by two transversals.



What interior angles make up the triangle ABC?

A. 120°, 39° and 21°
B. 60°, 39° and 81°
C. 60°, 39° and 21°
D. 120°,39° and 81°

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13 The 6th and 7th graders and River Valley High School are required to take a foreign language class, either Spanish or Mandarin.

	Spanish	Mandarin
6th graders	61	45
7th graders	78	x

If 36% of 6th and 7th graders take Mandarin, what is the value of x?

A. 33
B. 217
C. 28
D. 66

14 The distance from New York City to Jersey City is about 2.5×10^5 inches. The distance from New York City to Los Angeles is about 7.2×10^4 times farther. Approximately how many inches is the distance from New York City to Los Angeles?

A. 1.8×10^{10}
B. 18×10^9
C. 3.7×10^1
D. 0.37×10^2

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15 The table and the equation both show a different relationship between y and x.

Function A

x	y
2	-14
3	-11
5	-5

Function B

$y = 2x + 3$

Which statement about the functions is true?

A. The rate of change of Function A is less than the rate of change of Function B because $-3 < 2$.
B. The rate of change of Function A is greater than the rate of change of Function B because $3 > 2$.
C. The rate of change of Function A is less than the rate of change of Function B because $-14 < 7$.
D. The rate of change of Function A is greater than the rate of change of Function B because $-14 > -7$.

16 A container is in the shape of a cylinder that has a diameter of 8 inches and a height of 1.5 feet. Which equation can be used to find the volume of the container in cubic inches?

A. $V = \Pi(8)^2(1.5)$
B. $V = \Pi(4)^2(18)$
C. $V = \Pi(1.5)^2(8)$
D. $V = \Pi(8)^2(18)$

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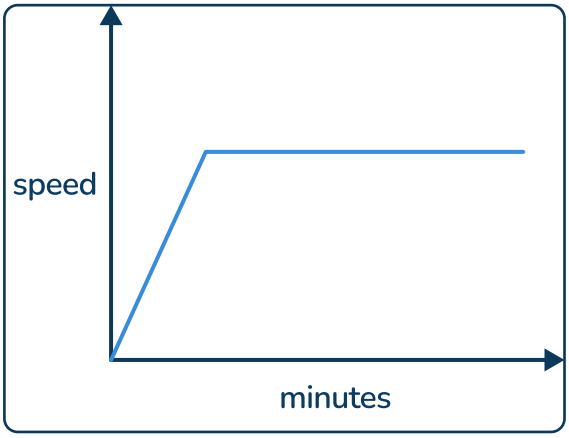
17 Which system of equations has infinite solutions?

A. $y = -2x - 4$
$y = 2x + 4$
B. $x + y = 2.5$
$x + 2.5 = y$
C. $2y = x + 4$
$x + 2y = 8$
D. $5x - 5y = 2$
$x = y + 0.4$

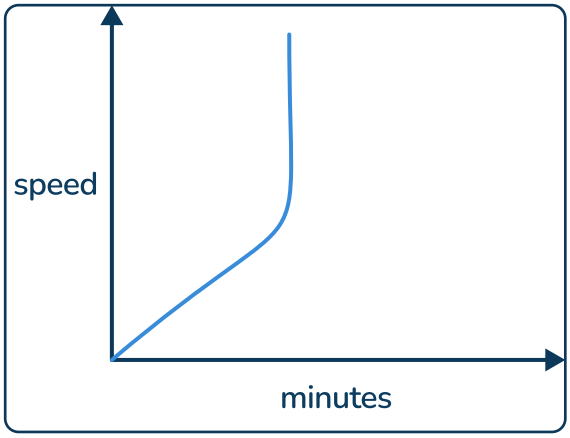
18 The speed of a car was measured in minutes. It was parked and then immediately began to increase its speed. The speed continued to increase for a few minutes, and then the speed stayed the same for the rest of the time.

Which is a graph of the function described above?

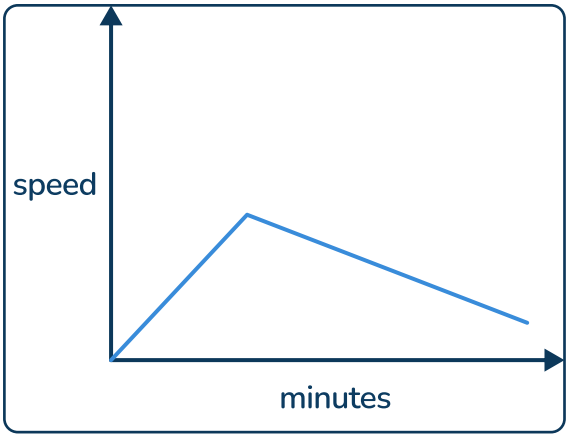
A.



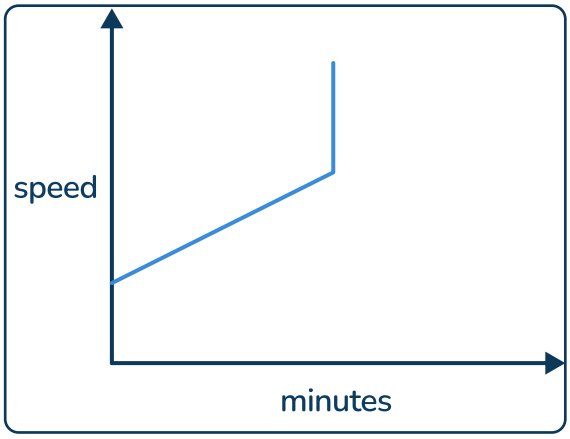
B.



C.



D.

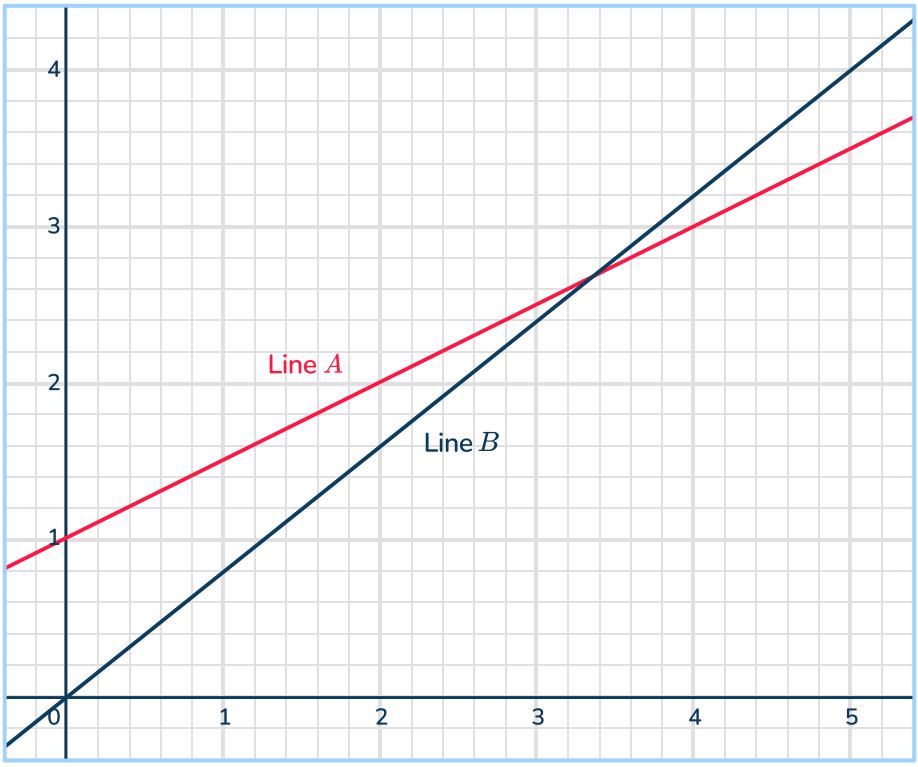


19 Jo runs her family's plumbing business. The table below shows what the service charges for the amount of hours worked. Which linear equation represents the information in the table?

Hours worked, x	Total amount of money charged, y
0	$75
2	$165
4	$255
6	$345

A. $y = 45x + 75$
B. $y = 90x + 75$
C. $y = 90x$
D. $y = 45x$

20



Which statements about the two lines shown in the graph are true? Select all the correct answers.

A. Line A and Line B represent proportional relationships.
B. In Line B, for each +1 change is x, there is a $+\frac{5}{4}$ change in y.
C. The slope of Line B is greater than the slope of Line A.
D. The slope of Line A is 2, which is the same as its unit rate.
E. As a system, Line A and Line B have one solution.

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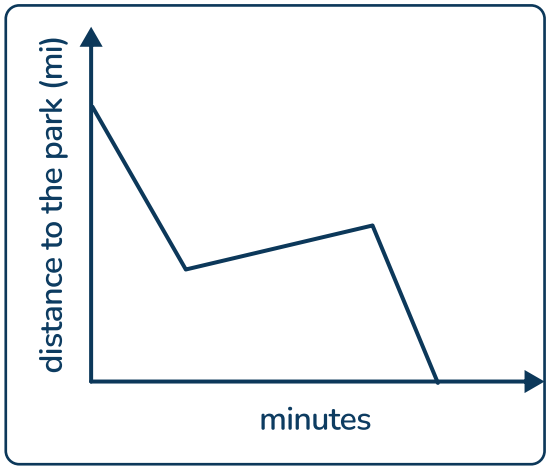
21 The equation $5.6 - 0.3x = y$ models the mass of an ice cube in grams after it sits for x minutes on a table at room temperature.
What is the meaning of the y-intercept?

A. The minutes the ice cube has been on the table.
B. The grams of mass the ice loses per minute.
C. The starting mass of the ice cube.
D. The minutes it takes for the ice cube to melt completely.

22 The graph shows the distance a car is from the park.



Which statement about the function is true?

A. As the minutes increased, the car's distance from the park decreased.
B. The car started off at the park and then drove away.
C. During the middle of the drive, the car was moving away from the park.
D. The car got close to the park, but never arrived.

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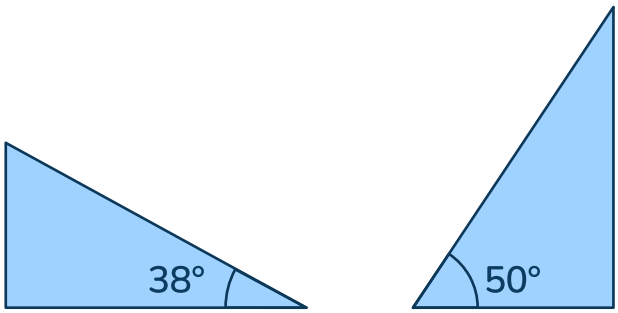
23 Are the triangles similar? Why or why not?



A. Yes, because they are both right triangles.
B. No, because one has a larger height than the other.
C. Yes, because the corresponding sides have the same ratio.
D. No, because the corresponding angles are not equal.

24 Simplify $\frac{2a^4(a^2)}{\frac{1}{2}a^3}$.

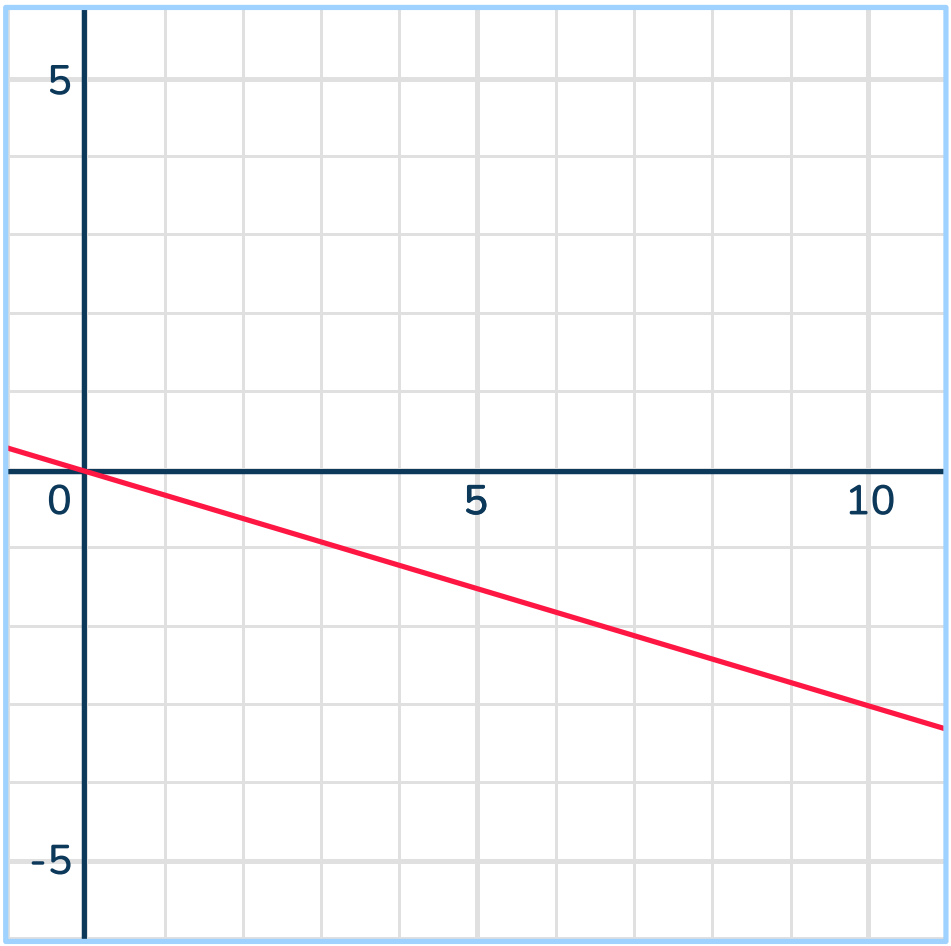
A. a^3
B. $4a^2$
C. a^5
D. $4a^3$

Constructed Response:

25 Check off the column that classifies the number correctly.

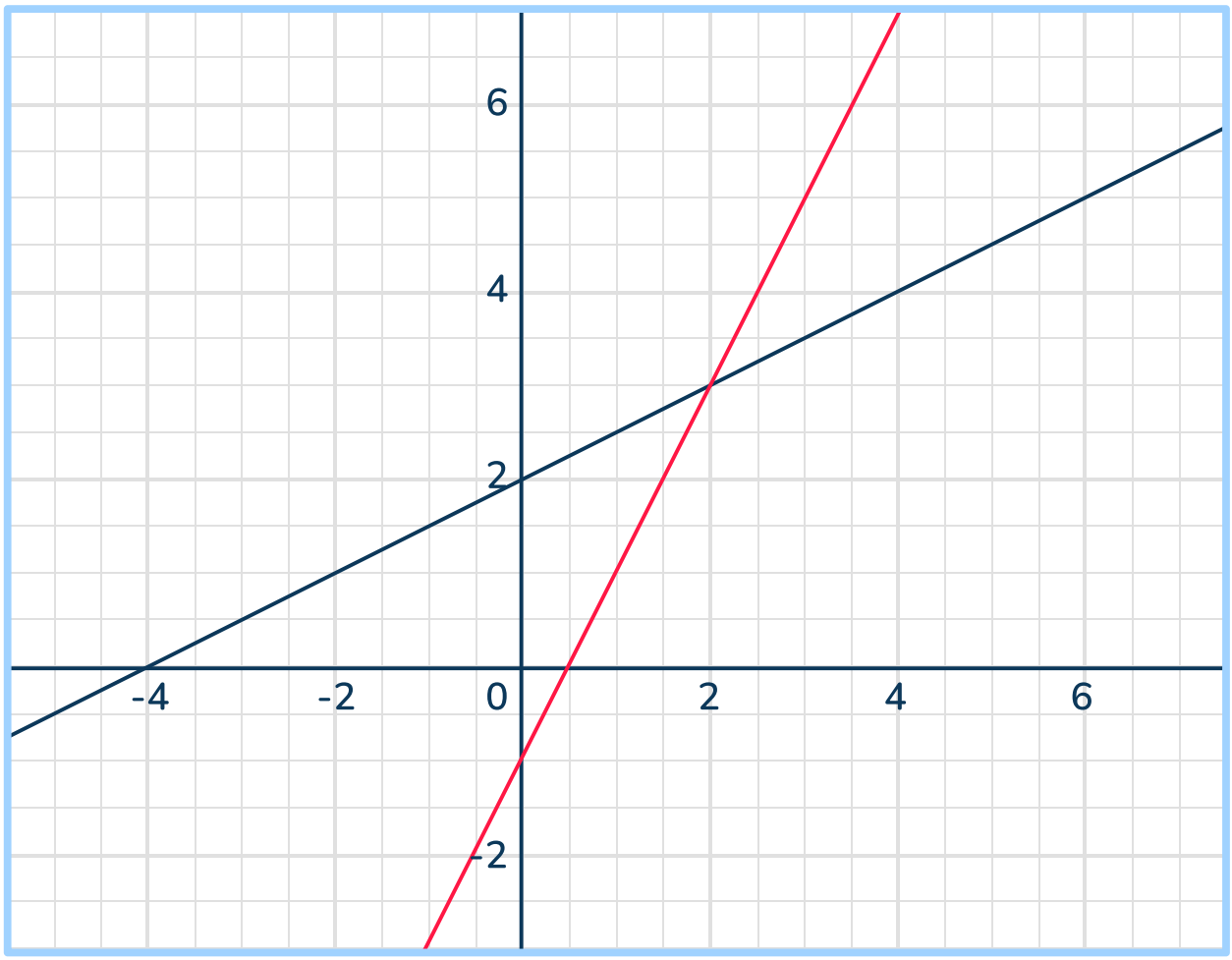
Number	Rational	Irrational
$\frac{1}{3}$		
4π		
$\sqrt{5^2}$		
$\sqrt{12}$		
$\sqrt[3]{27}$		

26 Consider the line graphed below. Write the equation of the line in $y = mx$ form



Equation:_____

27 Determine the solution to the linear system graphed below



Solution: x = _____ y = _____

28 Determine if the statements are true or false.

A feather from a bird falls to the ground at a rate of 4 feet per 3 seconds. The bird is sitting on a branch of a tree that is 32 feet above the ground.

Statement	True	False
The feather falls a rate of $\frac{4}{3}$ ft per second.		
The initial height of the feather is 32 ft.		
The feather is 12 feet above the ground after 16 seconds.		
The rate of the feather falling is 3 ft per 4 seconds		

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29 What number will make the equation true?

$7^x \times 7^7 = 7^{13}$

$x =$ _____

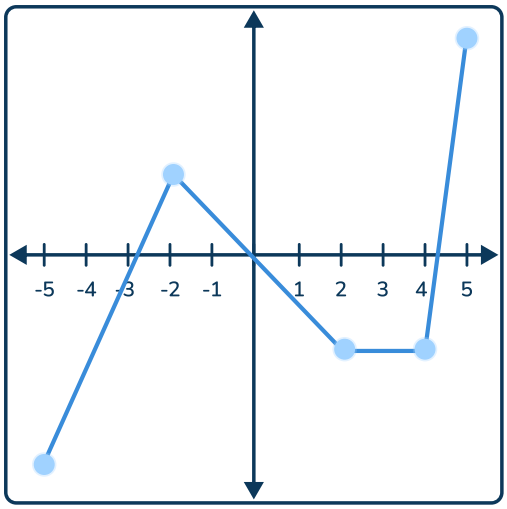
---

30 Find a value for k that will make the equation have no solutions.

$$8x - 26 + 2 = k(\frac{1}{2}x - 9)$$

$k =$ _____

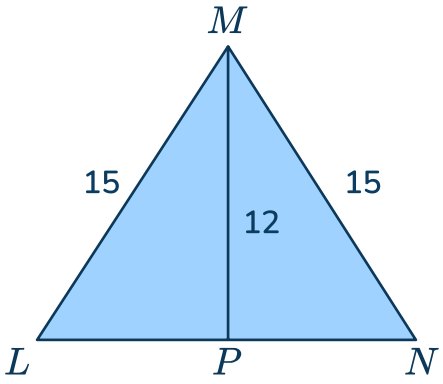
31 The graph below shows y as a function of x. For each interval in the table, indicate whether the function is increasing, decreasing, or neither increasing nor decreasing over the interval.



In the table, check off the correct box.

Interval	Increasing	Decreasing	Neither increasing nor decreasing
$-5 < x < -2$			
$-2 < x < 2$			
$2 < x < 4$			

32 In triangle LMN, MP is perpendicular to LN. Using the given values, find the length of LN and place your answer on the space below.



LN = _____

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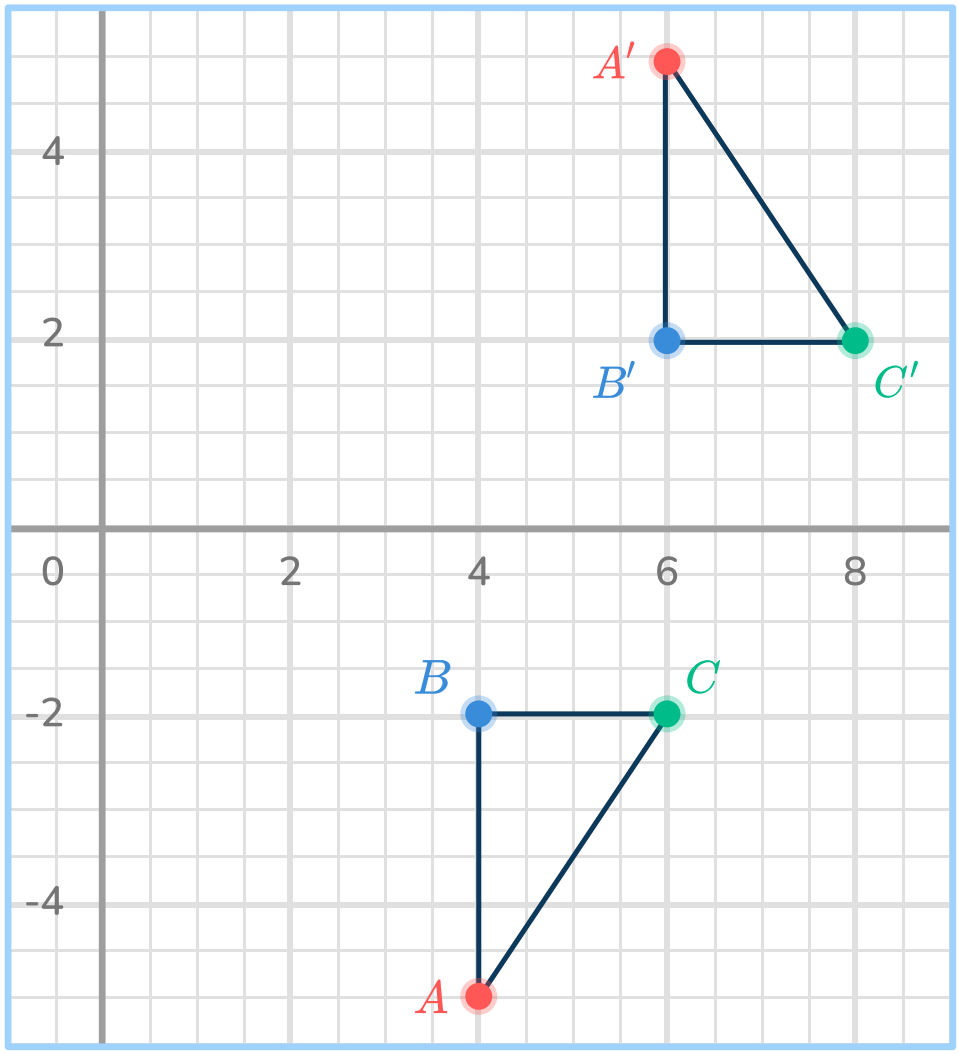
33 The table below represents a partially completed input-output table. Complete the table with the correct values so that it represents a function.

Input	Output
2	5
?	7
6	?
?	?

34 What is the sequence of transformations that maps triangle ABC to triangle A'B'C'?



Use the space below to write your answer.

Answer

35 Eduardo solved the equation below.

$2.2(3x - 1.5) - 0.6 = -1.4(2x - 7)$
Step 1: $6.6x - 3.3 - 0.6 = -2.8x - 9.8$
Step 2: $6.6x - 3.9 = -2.8x - 9.8$
Step 3: $3.8x - 3.9 = -9.8$
Step 4: $3.8x = -5.9$
Step 5: $x = -1.5526...$

Identify the error that Eduardo made and make the correction to solve the equation correctly.

Answer

Performance Tasks:

36 Over the weekend, a group of friends rented bicycles from different bike shops. The table below shows the expression that each shop uses to calculate the cost of renting one of their bikes for h hours.

Shop	Cost for h Hours ($)
Real Wheels	$5(h+1)$
Easy Bike	$3.5h + 8.5$
Pedal Power	$2(3h - 1)$

PART A:

Kaden rented his bike from Easy Bike and he paid $26 for the rental. Write an equation that relates the expression the bike shop uses to calculate the cost Kaden paid. Do you think Kaden rented his bike for 6 hours? Explain your justification in the space below.

Answer

PART B:

If Kim-Ly were renting a bike for 4 hours, which shop should she rent from and why?

Answer

37 Jumel and Ashley have two of the most popular phones on the market, an Android and an iPhone. The cost of both monthly cell phone plans are described below:

Jumel's Plan: A monthly fee of $60, in addition to $0.05 per text message sent, after 20 texts.
Ashley's Plan: A monthly fee of $45, in addition to $0.35 per text message sent.

Part A:
Write two equations one to represent Jumel's Plan and one to represent Ashley's Plan. Let c represent the total cost and t represent the number of texts.

Answer

Part B:
How much would Jumel and Ashley each pay if they sent 30 texts in a month? **Show your work in the space below.**

Answer

Part C:

Whose plan, Jumel's or Ashley's, would cost less if they sent 30 texts in a month? How much less would it cost? **Show your work in the space below.**

Answer

Part D:

In order for Jumel's plan to cost less than Ashley's, how many texts would he need to send in one month? **Show your work.**

Answer

38 The figure below shows a right circular cylinder and right circular cone. The cylinder and the cone have the same base and the same height.

Part A:

What is the volume, in cubic feet, of the cone?

Volume of cone:

Part B:

What is the volume, in cubic feet, of the cylinder?

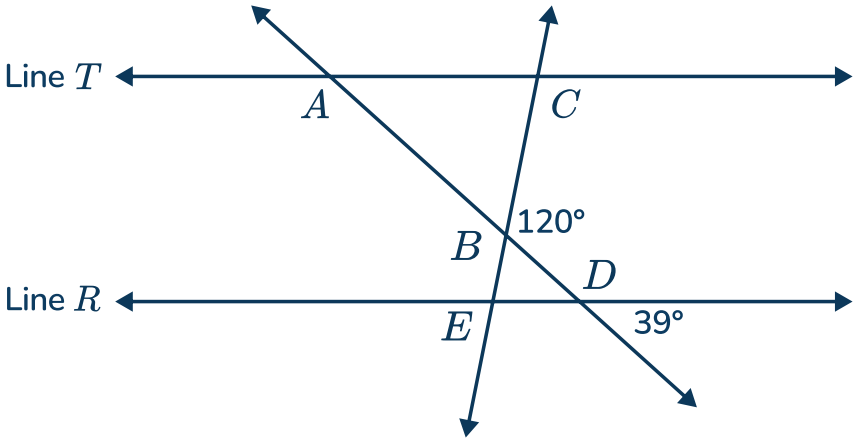
Volume of cylinder:

Part C:

What is the ratio of the cone's volume to the cylinder's volume?

Write your answer as a simplified fraction in the box below.

39 Line T and Line R are parallel lines, cut by two transversals.



Part A:

What are the measures of the interior angles that make up triangle ABC? Use the space below to show your work.

Answer

Part B:

What are the measures of the interior angles that make up triangle DBE? Use the space below to show your work.

Answer

Part C:

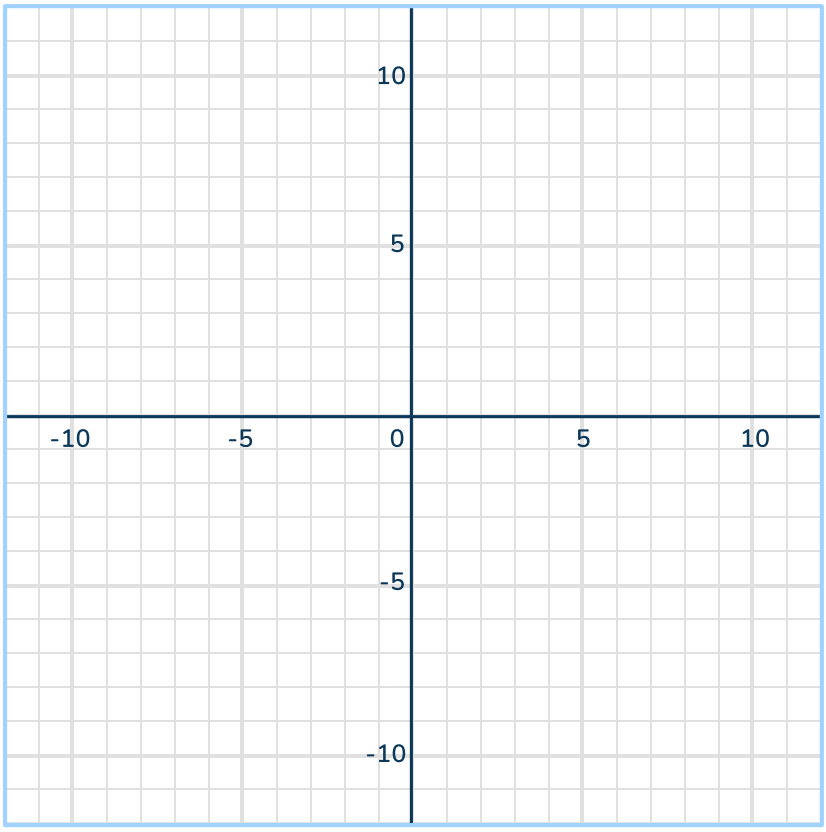
Are triangles ABC and triangle DBE similar? Explain. Use the space below to explain your answer.

Answer

40 Quadrilateral ABCD has points A(-4, 3), B(-4, -2), C(3, 3), and D(3, -2). The quadrilateral is dilated by a scale factor of 1.5 about (0,0) and then reflected over the line $y = x$.

PART A:

On the grid below, draw the new quadrilateral.



PART B:

Compared to the original, explain whether the new shape is congruent, similar or neither. Include the effects of the dilation and reflection in your explanation.

Answer

Item	KEY	Rationale
25	4 points	Students identify each number correctly.
	3 points	Students identify 3 or 4 numbers correctly.
	2 points	Students identify 2 numbers correctly.
	1 point	Students identify 1 number correctly.
	0 points	Students do not identify any of the numbers correctly.

Item	KEY	Rationale
26	2 points	Students correctly write the equation.
	1 point	Students make a minor error in writing the equation.
	0 points	Students do not demonstrate understanding.

Item	KEY	Rationale
27	2 points	Students state the correct value of x and y.
	1 point	Students state the correct value of just either x or y.
	0 points	Students do not demonstrate understanding.

Item	KEY	Rationale
28	4 points	Students answer all 4 statements correctly.
	3 points	Students answer 3 correctly.
	2 points	Students answer 2 correctly.
	1 point	Students answer 1 correctly.
	0 point	Students do not demonstrate understanding.

Item	KEY	Rationale
29	2 points	Students correctly identify the value of x.
	1 point	Students make a minor error.
	0 points	Students do not demonstrate understanding.

Item	KEY	Rationale
30	2 points	Students correctly identify the value of k.
	1 point	Students make a minor error.
	0 points	Students do not demonstrate understanding.

Item	KEY	Rationale
31	3 points	Students identify each interval correctly.
	2 points	Students identify 2 intervals correctly.
	1 point	Students identify 1 interval correctly.
	0 points	Students do not demonstrate understanding.

Item	KEY	Rationale
32	2 points	Students correctly find the value of LN.
	1 point	Students make a minor error.
	0 points	Students do not demonstrate understanding.

Item	KEY	Rationale
33	4 points	Students identify all 4 values correctly.
	3 points	Students identify 3 values correctly.
	2 points	Students identify 2 values correctly.
	1 point	Students identify 1 value correctly.
	0 points	Students do not demonstrate understanding.

Item	KEY	Rationale
34	2 points	Students identify both transformations correctly.
	1 point	Students make a minor error.
	0 points	Students do not demonstrate understanding.

Item	KEY	Rationale
35	3 points	Students correctly identify both mistakes and solve the equation correctly.
	2 points	Students correctly identify 1 mistake and then solves correctly. OR Students identify both mistakes and then makes a minor error in solving.
	1 point	Students demonstrate some understanding by either identifying a mistake or solving the equation correctly or with minor error.
	0 point	Students do not demonstrate understanding.

Item	KEY	Rationale
36	4 points	Students provide correct answers with explanations to both parts.
	3 points	Students make a minor error in either part A or part B.
	2 points	Students only answer 1 part correctly.
	1 point	Students demonstrate understanding with errors of one part of the question.
	0 points	Students do not demonstrate understanding.

Item	KEY	Rationale
37	6 points	Students provide correct answers with explanations to all parts of the question.
	5 points	Students make a minor error in one of the parts.
	4 points	Students answer 3 of the 4 parts correctly.
	3 points	Students answer 2 of the 4 parts correctly.
	2 points	Students answer 1 part correctly.
	1 point	Students demonstrate some understanding but answer contains errors.
	0 points	Students do not demonstrate understanding.

Item	KEY	Rationale
38	3 points	Students provide correct answers for all parts.
	2 points	Students provide correct answer for all three parts but does not simplify part C. OR Students provide correct answers for 2 of the 3 parts.
	1 point	Students provide a correct answer for one part.
	0 points	Students do not demonstrate understanding.

Item	KEY	Rationale
39	6 points	Students provide correct answers with explanations to all parts of the question.
	5 points	Students make a minor error in one of the parts.
	4 points	Students answer 2 of the 3 parts correctly and provide correct explanations.
	3 points	Students answer 2 of the 3 parts correctly but do not provide clear explanations.
	2 points	Students answer 1 part correctly with a clear explanation.
	1 point	Students demonstrate some understanding but answer contains errors and some explanations are unclear.
	0 points	Students do not demonstrate understanding.

Item	KEY	Rationale
40	4 points	Students correctly identify the 4 new coordinates and provide a correct explanation.
	3 points	Students correctly identify the 4 new coordinates and provide an unclear explanation or an explanation with minor errors.
	2 points	Students correctly identifies the 3 out of the 4 new coordinates and attempts to explain.
	1 point	Student identifies less than 3 of the new coordinates and provides little to no explanation.
	0 point	Students do not demonstrate understanding.

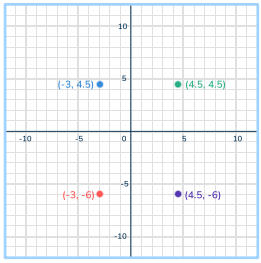
Selected Response					
Item Number	Correct Answer	Domain	Target	DOK	CCSS-MC
1	B	EE	F	DOK 1	**8.EE.B.6**
2	A,C	EE	B	DOK 2	**8.EE.A.2**
3	B	G	H	DOK 2	**8.G.B.8**
4	D	SP	J	DOK 2	**8.SP.A.1**
5	A, B	EE	B	DOK 2	**8.EE.A.1**
6	B	F	E	DOK 1	**8.F.A.1**
7	D	F	E	DOK 2	**8.F.B.4**
8	A	G	G	DOK 2	**8.G.A.2**
9	A	EE	B	DOK 2	**8.EE.A.4**
10	C	NS	B	DOK 2	**8.NS.A.1**
11	C	F	E	DOK 2	**8.F.B.5**
12	B	G	G	DOK 2	**8.G.A.5**
13	A	EE	C	DOK 3	**8.EE.B.5**
14	A	EE	B	DOK 2	**8.EE.A.4**
15	B	F	F	DOK 2	**8.F.B.4**
16	B	G	I	DOK 2	**8.G.C.9**
17	D	EE	D	DOK 2	**8.EE.C.8**
18	A	F	E	DOK 3	**8.F.B.5**
19	A	F	E	DOK 2	**8.F.B.4**

Selected Response					
Item Number	Correct Answer	Domain	Target	DOK	CCSS-MC
20	C,E	EE	D	DOK 3	**8.EE.C.8**
21	C	EE	F	DOK 2	**8.EE.B.6**
22	C	F	F	DOK 3	**8.F.B.5**
23	D	G	G	DOK 2	**8.G.A.4**
24	D	EE	B	DOK 2	**8.EE.A.1**
Constructed Response					
25	$\frac{1}{3}$ *rational* 4Π *irrational* $\sqrt{5^2}$ *rational* $\sqrt{12}$ *irrational* $\sqrt[3]{27}$ *rational*	NS	A	DOK 2	**8.NS.A.1**
26	$y = -\frac{3}{10}x$	F	E	DOK 3	**8.F.B.3**
27	$x = 2$ $y = 3$	EE	D	DOK 2	**8.EE.C.8**
28	True True False False	F	F	DOK 3	**8.F.A.2**
29	6	EE	B	DOK 2	**8.EE.A.1**
30	$k = 16$	EE	D	DOK 3	**8.EE.C.7**
31	Increase Decrease Neither	F	F	DOK 3	**8.F.B.5**

Constructed Response					
Item Number	Correct Answer	Domain	Target	DOK	CCSS-MC
32	LN = 18	NS	A	DOK 2	**8.NS.A.1**
33	Input Output 2 5 4 7 6 9 8 11	F	E	DOK 3	**8.F.B.4**
34	Reflect over X axis then translate 2 units right	G	G	DOK 3	**8.G.A.3**
35	Eduardo made the mistake in distributing. -1.4 x -7 = 9.8. He also made a mistake by subtracting 2.8 x from both sides when he should have added it. Correct way to solve: $2.2(3x - 1.5) - 0.6 = -1.4(2x - 7)$ $6.6x - 3.3 - 0.6 = -2.8x + 9.8$ $6.6x - 3.9 = -2.8x + 9.8$ $9.4x = 13.7$ $x = 1.457446809$	EE	D	DOK 3	**8.EE.C.7**

Performance Tasks					
Item Number	Correct Answer	Domain	Target	DOK	CCSS-MC
36	**Part A:** $3.5h + 8.5 = 26$ $h = 5$ 5 hours — No she rented the bike for 5 hours not 6 hours. **Part B:** 5(4 + 1) = 25 $25 3.5(4) + 8.5 = 22.5 $22.50 2(3 x 4 - 1) = 22 $22 – Pedal Power is the cheapest	EE	D	DOK 3	**8.EE.C.7** **8.EE.C.8**

Performance Tasks					
Item Number	Correct Answer	Domain	Target	DOK	CCSS-MC
37	**Part A:** Jumel: 60 + 0.05(t - 20) = c Ashley: 45 + 0.35t= c **Part B:** 60 + 0.05(10) = $60.50 45 + 0.35(30) = $55.50 **Part C:** 60.50 - 55.50 = 5 $5 more **Part D:** 60.50 + 0.05 (t - 20) = 45 + 0.35 t t = 47 At 47 texts, Jumel will pay less than Ashley.	EE, F	D, E	DOK 3	**8.EE.C.7** **8.EE.C.8** **8.F.B.4**
38	**Part A:** Volume of cone: $48\Pi\ ft^3$ **Part B:** $144\Pi\ ft^3$ **Part C:** $\frac{48\Pi}{144\Pi} = \frac{48}{144} = \frac{1}{3}$	G	C, I	DOK 3	**8.G.C.9**

Performance Tasks					
Item Number	Correct Answer	Domain	Target	DOK	CCSS-MC
39	**Part A:** Angle A = 39° Angle B = 60° Angle C = 81° **Part B:** Angle D = 39° Angle B = 60° Angle E = 81° **Part C:** Yes, the triangles are similar. All the angles are congruent, so, through AAA they are similar.	G	G	DOK 3	**8.G.A.4** **8.G.A.5**
40	**Part A:**  **Part B:** Student clearly explains that the new shape will be similar, since it was dilated, all the corresponding sides in the original and new shape have the same ratio and the reflection only changes the orientation.	G	G	DOK 3	**8.G.A.3** **8.G.4**

ANSWERS SORTED BY CCSS STRAND

EE - Expressions and Equations					
Item Number	Correct Answer	Domain	Target	DOK	CCSS-MC
1	B	EE	F	DOK 1	**8.EE.B.6**
2	A,C	EE	B	DOK 2	**8.EE.A.2**
5	A, B	EE	B	DOK 2	**8.EE.A.1**
9	A	EE	B	DOK 2	**8.EE.A.4**
13	A	EE	C	DOK 3	**8.EE.B.5**
14	A	EE	B	DOK 2	**8.EE.A.4**
17	D	EE	D	DOK 2	**8.EE.C.8**
20	C,E	EE	D	DOK 3	**8.EE.C.8**
21	C	EE	F	DOK 2	**8.EE.B.6**
24	D	EE	B	DOK 2	**8.EE.A.1**
27	Extended Response	EE	D	DOK 2	**8.EE.C.8**
29	Extended Response	EE	B	DOK 2	**8.EE.A.1**
29	Extended Response	EE	D	DOK 3	**8.EE.C.7**
29	Extended Response	EE	D	DOK 3	**8.EE.C.7**

EE - Expressions and Equations					
Item Number	Correct Answer	Domain	Target	DOK	CCSS-MC
36	Performance Task	EE	F	DOK 1	**8.EE.B.6**
37	Performance Task	EE, F	D, E	DOK 3	**8.EE.C.7** **8.EE.C.8** **8.F.B.4**

F - Functions					
Item Number	Correct Answer	Domain	Target	DOK	CCSS-MC
6	B	F	E	DOK 1	**8.F.A.1**
7	D	F	E	DOK 2	**8.F.B.4**
11	C	F	E	DOK 2	**8.F.B.5**
15	B	F	F	DOK 2	**8.F.B.4**
18	A	F	E	DOK 3	**8.F.B.5**
19	A	F	E	DOK 2	**8.F.B.4**
22	C	F	F	DOK 3	**8.F.B.5**
26	Extended Response	F	E	DOK 3	**8.F.B.3**
28	Extended Response	F	F	DOK 3	**8.F.A.2**
31	Extended Response	F	F	DOK 3	**8.F.B.5**
33	Extended Response	F	E	DOK 3	**8.F.B.4**

NS - The Number System					
Item Number	Correct Answer	Domain	Target	DOK	CCSS-MC
10	C	NS	B	DOK 2	**8.NS.A.1**
25	Extended Response	NS	A	DOK 2	**8.NS.A.1**

G - Geometry					
Item Number	Correct Answer	Domain	Target	DOK	CCSS-MC
3	B	G	H	DOK 2	**8.G.B.8**
8	A	G	G	DOK 2	**8.G.A.2**
12	B	G	G	DOK 2	**8.G.A.5**
16	B	G	I	DOK 2	**8.G.C.9**
23	D	G	G	DOK 2	**8.G.A.4**
32	Extended Response	G	H	DOK 3	**8.G.B.7**
34	Extended Response	G	G	DOK 3	**8.G.A.3**
38	Performance Task	G	C, I	DOK 3	**8.G.C.9**
39	Performance Task	G	G	DOK 3	**8.G.A.4** **8.G.A.5**
40	Performance Task	G	G	DOK 3	**8.G.A.3** **8.G.4**

SP - Statistics and Probability					
Item Number	Correct Answer	Domain	Target	DOK	CCSS-MC
4	D	SP	J	DOK 2	**8.SP.A.1**

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