



THIRD SPACE
LEARNING

6th Grade South Carolina State Practice Math Test

South Carolina Practice Test
Grade 6

Grade 6

Questions

Name:

Class:

Date:

Score:

No Calculator For Questions 1 - 20



- 1 Complete the equation. Write a number in the blank.

$$11^3 = \underline{\quad}$$

- 2 Write the numbers 0.7 , $\frac{7}{9}$, 0.79 , $\frac{5}{7}$ from least to greatest.

____, _____, _____, _____

3 Which expression is equivalent to $7x + 40$?

A. $6(x + 34) + 7$

B. $7(x + 5) + 5x$

C. $6(x + 7) - 2$

D. $8(x + 5) - x$

4 $-5 - 9 = x$

Solve for x .

A. $x = -14$

B. $x = 14$

C. $x = -4$

D. $x = 4$

- 5 Lucy makes 8 bracelets with 3 yards of string. How many yards of string does she need for 12 bracelets?

A. 4 yards of string
B. 7 yards of string
C. $4\frac{1}{2}$ yards of string
D. 32 yards of string

- 6 Which number is a solution for $t + 3 > -5$? Select all the correct answers.

A. -10
B. -5
C. -8
D. -1
E. 3

7 Mila says expression a is equal to expression b . Do you agree? Why?

- Expression a : $(7 + 145)^4$
- Expression b : $7 + 145^4$

- A. Yes, because the expressions have the same numbers and operations.
- B. No, because expression b will multiply by 4 first and expression a will not.
- C. Yes, because the order of operations is the same in both expressions.
- D. No, because expression a will add first and expression b will not.
-

8 Complete the equation. Write a number and units in the blank.

$$\underline{\hspace{2cm}} \times \frac{1,000m}{1km} = 6.8km$$

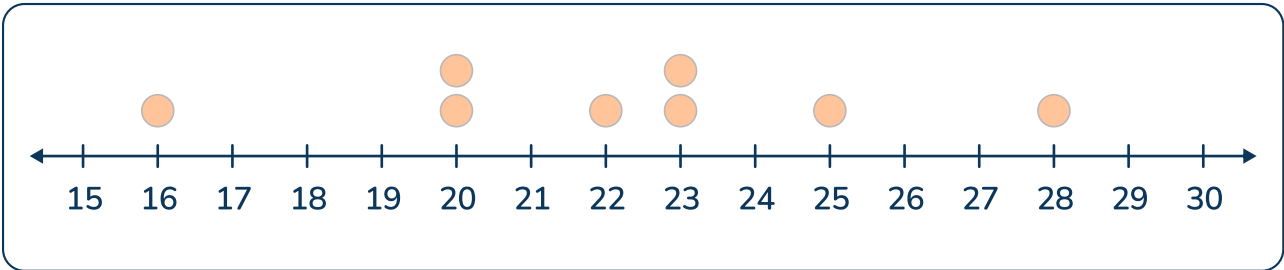
9 Complete the equation. Write a number in the blank.

$$14 + \underline{\hspace{1cm}} = 0$$

10 Complete the equation. Write a number in the blank.

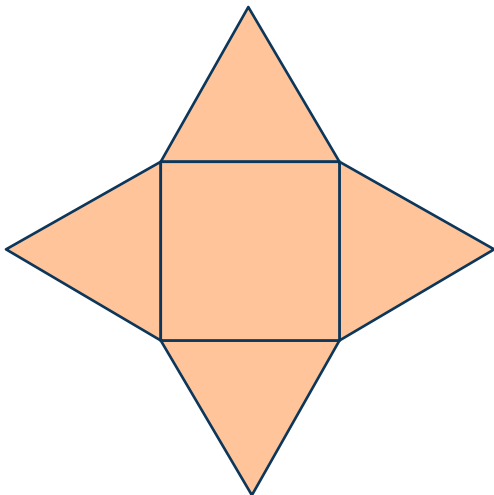
$110.76 \div 7.8 = \underline{\hspace{2cm}}$

11 Cora counted how many strawberries were in 10 different baskets and plotted some of the baskets on the line plot below. The mean of all the baskets is 22.8 strawberries and the median is 23 strawberries.



Add Xs to complete the line plot and show all the baskets Cora counted.

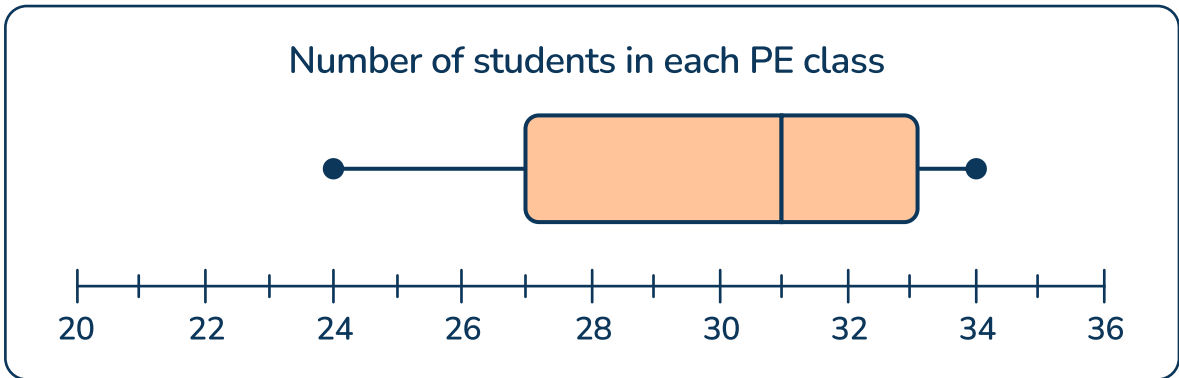
12



Which shape is formed by the net above?

- A. Triangular pyramid
- B. Triangular prism
- C. Square pyramid
- D. Cube

13



Which data set is represented by the box plot?

- A. 29, 34, 26, 27, 31, 33, 27, 34, 33, 34, 34, 24, 29, 31, 30
- B. 27, 34, 30, 27, 33, 29, 31, 33, 27, 30, 34, 33, 30, 24, 34
- C. 33, 34, 27, 25, 31, 33, 32, 27, 34, 30, 25, 31, 34, 26, 33
- D. 31, 27, 33, 25, 34, 33, 27, 24, 34, 32, 31, 30, 33, 26, 34

14 The table shows the total number of pencils, p , given the number of boxes, b .

b	p
2	14
4	28
6	42
10	70

Define the equation and variables in the function table.

Equation: _____

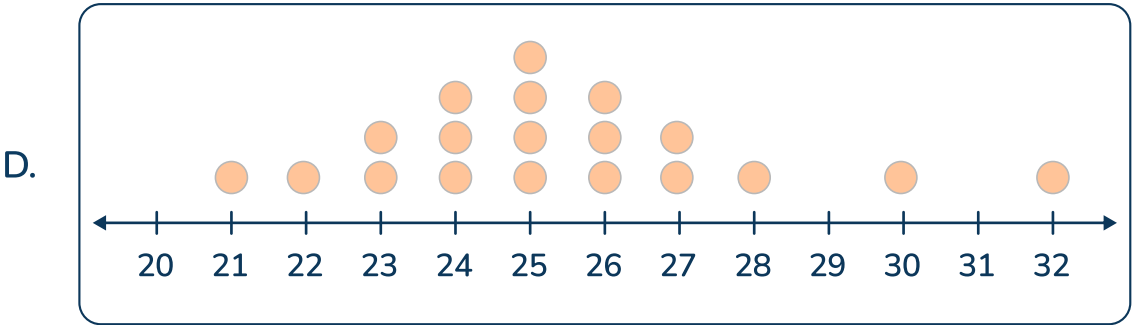
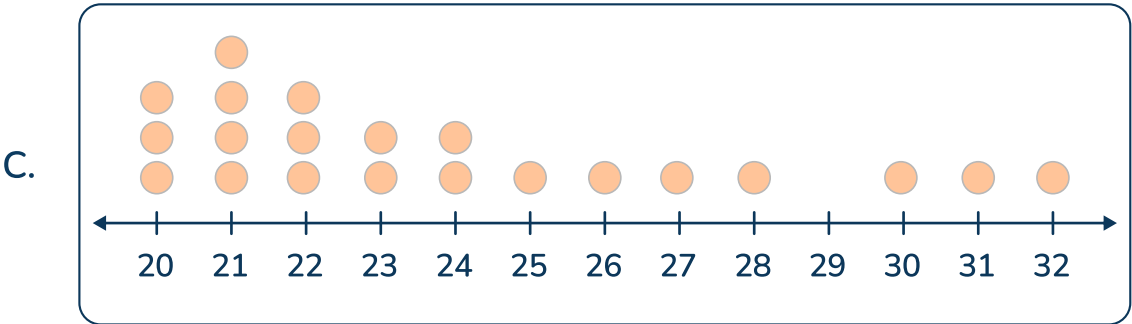
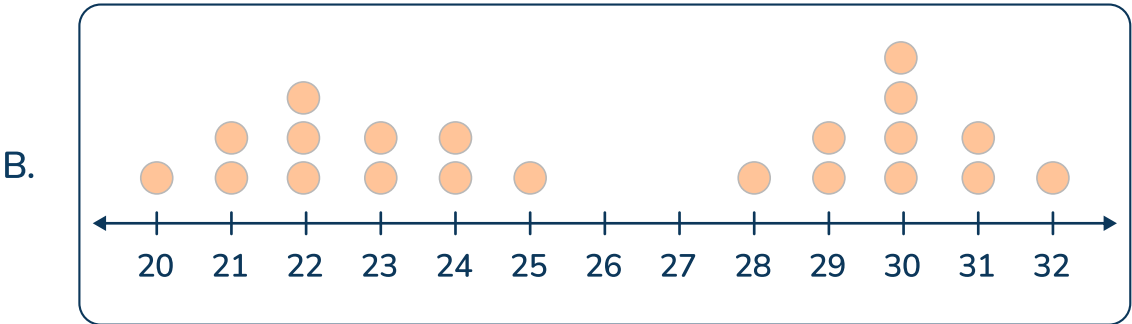
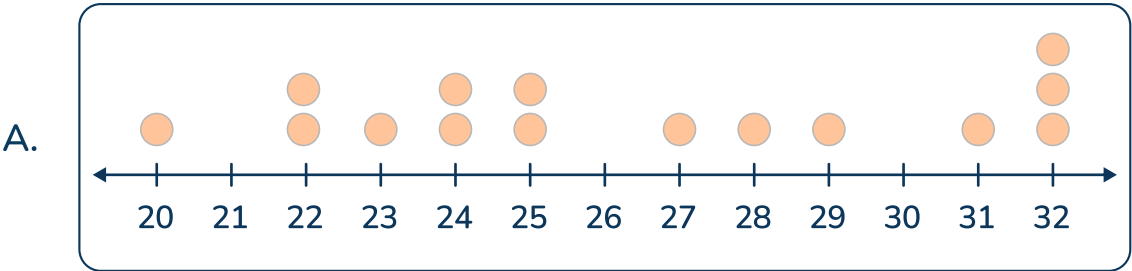
p is the _____ variable

b is the _____ variable

Fill in the blanks with the options shown in the box below.

14p = b, 7p = b, 7b = p, 7b = p, independent, dependent, function

15 In which graph does the mode better describe the data set than the median?



16 What is 0.04 as a fraction?

A. $\frac{1}{20}$

B. $\frac{1}{4}$

C. $\frac{1}{25}$

D. $\frac{3}{4}$

17 Complete the equation. Write a number in the blank.

$$\frac{2}{3} \times \underline{\hspace{1cm}} = 1$$

18 After Sal took 19.87 grams of apples out of a basket, the basket now weighs 56.012 grams. What was the basket's weight before Sal took out the apples?

Fill in the blank: _____ grams

19 Which expressions are equivalent to $4x + 24$? Select **all** the correct answers.

A. $4(x + 20)$

B. $3(x + 8) + x$

C. $4(6 + x)$

D. $2x + 2(x + 12)$

E. $3(x + 21) + x$

F. $28x$

20 Complete the equation. Write a number in the blank.

$$3(3^2 - 4 + 2) \div \frac{1}{5} = \underline{\hspace{2cm}}$$



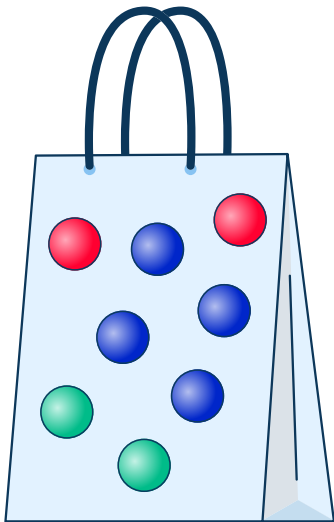
THIS IS THE END OF CALCULATOR INACTIVE QUESTIONS

THIS IS THE BEGINNING OF CALCULATOR ACTIVE QUESTIONS

Calculator Can Be Used For Questions 21 - 60



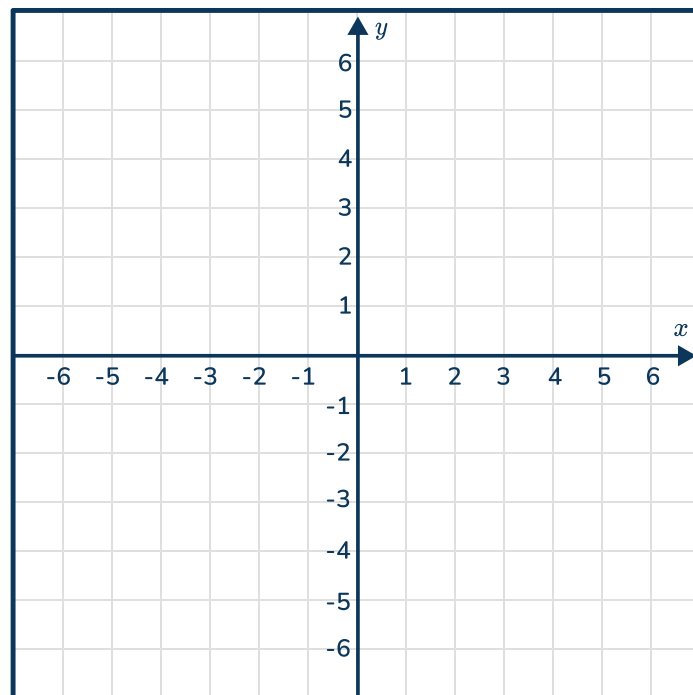
21 Jesse has a bag of marbles. Jesse will randomly choose one marble from the bag.



Choose the word that best describes the probability for each possible event.

	Likely	Unlikely	Even chance
The probability of picking green.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The probability of picking red and blue.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The probability of NOT picking red.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- 22 Plot the polygon with vertices at $(5, 6)$, $(-2, -3)$, and $(4, -3)$.



- 23 Which angles are complementary? Select **all** the correct answers.

- A. $91^\circ, 89^\circ$
- B. $13^\circ, 87^\circ$
- C. $22^\circ, 68^\circ$
- D. $43^\circ, 47^\circ$
- E. $83^\circ, 87^\circ$
- F. $121^\circ, 59^\circ$

- 24 Marcus owes his mom \$3. He earns \$8 from chores but needs to pay back his mom and the \$5 he borrowed from his sister.

PART A: Which equation shows Marcus's final balance?

- A. $3 + 5 - 8 = \$0$
- B. $-3 + 8 - 5 = \$0$
- C. $-3 + 5 - 8 = \$0$
- D. $8 - (5 - 3) = \$0$

PART B: What does a balance of \$0 mean in this context? Select all the correct answers.

- A. Marcus does not owe money.
- B. Marcus did not spend money.
- C. Marcus did not earn money.
- D. Marcus does not have money.
- E. Marcus' sister and mom do not have money.

-
- 25 For every 5 cups of juice, there are 8 cups of sparkling water. Which statements about the ratio are true? Select all the correct answers.

- A. There are 8 cups of sparkling water for every cup of juice.
- B. The ratio of cups of sparkling water to juice is 8:5.
- C. For 10 cups of juice, there are 16 cups of sparkling water.
- D. The ratio of cups of juice to sparkling water is $\frac{8}{5}$.
- E. There are always 3 more cups of sparkling water than juice.

- 26 A grocery store has 23 red apples and 34 green apples. What is the ratio of green apples to total apples?

A. 23:34
B. 34:23
C. 57:34
D. 34:57

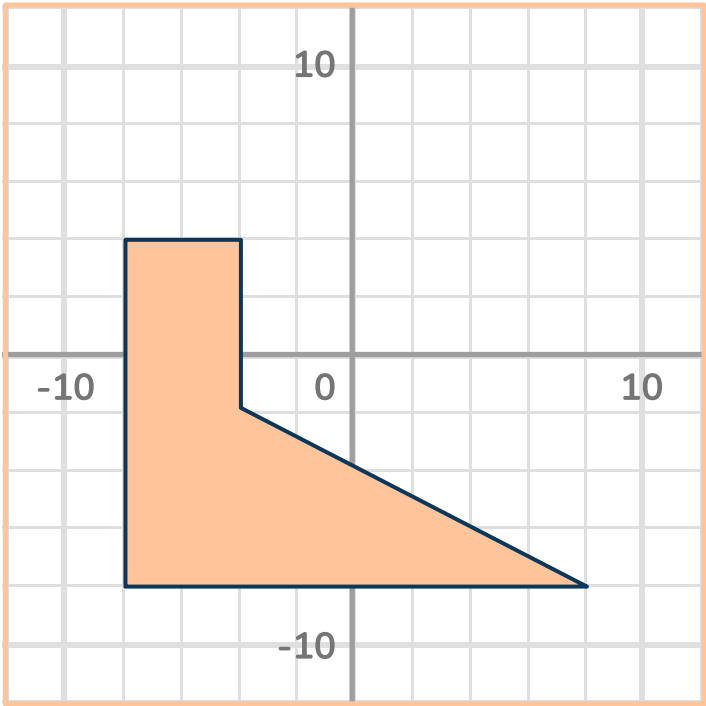
27



William wrote each letter of his name on a card. He will randomly choose one. Select the best estimate for the probability of choosing an L card.

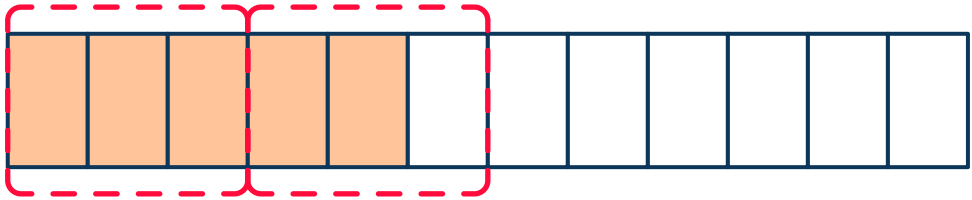
A. 30%
B. 0.2
C. $\frac{1}{7}$
D. 2

28 What is the area of the shape shown?



- A. 42 units²
- B. 96 units²
- C. 50 units²
- D. 84 units²

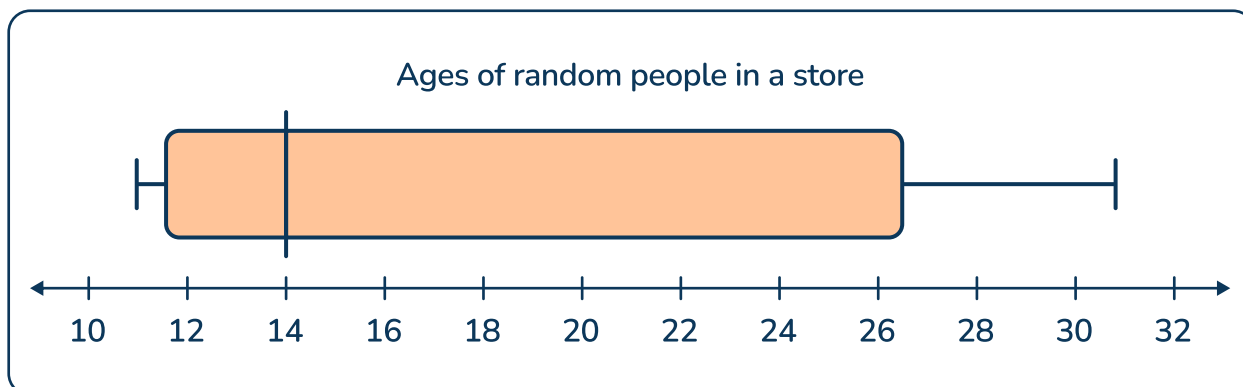
29 The model shows division of two fractions.



Complete the equation shown by the model.

___ ÷ ___ = $1\frac{2}{6}$

- 30 Fen surveyed random people at a store to ask their ages. She made a box plot of their ages.



Which percent of the people Fen surveyed were 18 years or older?

- A. Less than 25%
- B. More than 75%
- C. Between 50% and 75%
- D. Between 25% and 50%

- 31 Fill in the blank with a percent:

Giselle has 3 red shirts, 5 green shirts and 2 white shirts. Giselle randomly picks a shirt.

The probability that the shirt is NOT red is ____%.

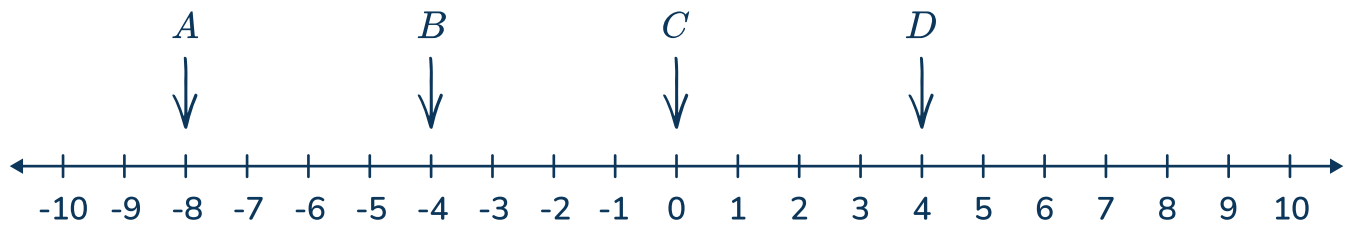
- 32 Katya has a ribbon that is $6\frac{2}{3}$ yards long. She uses $\frac{1}{5}$ of the entire ribbon it to make bracelets. She uses $\frac{1}{3}$ of the entire ribbon to make necklaces. How much ribbon is left after Katya makes necklaces and bracelets?

A. $3\frac{1}{9}$ yards
B. $3\frac{5}{9}$ yards
C. $6\frac{4}{11}$ yards
D. $6\frac{1}{2}$ yards

-
- 33 A cube-shaped bucket has a height of 4.2 feet. How much water can it hold when filled?

A. 17.64 ft^3
B. 74.088 ft^3
C. 25.2 ft^3
D. 105.84 ft^3

34 Where is $-(-4)$ on the number line?



- A. A
- B. B
- C. C
- D. D

35 Alyssa spends \$120 on materials to make handmade candles. She sells each candle for \$8. Which equation represents Alyssa's profit, p , after selling c candles?

- A. $c = 8p - 120$
- B. $120 + 8p = c$
- C. $p = 8c - 120$
- D. $120 + 8c = p$

36 Which expressions are equivalent to 14^7 ?

A. $14 \times 14 \times 14 \times 14 \times 14 \times 14 \times 14$

B. 7^{14}

C. 14×14^6

D. 14×7

E. $(14 \times 14 \times 14) \times 4$

F. $14^3 \times 14^4$

37 Miguel has $3\frac{5}{6}$ cups of tomato sauce. Miguel needs $\frac{4}{5}$ of a cup of tomato sauce for each recipe. How many complete recipes can he make?

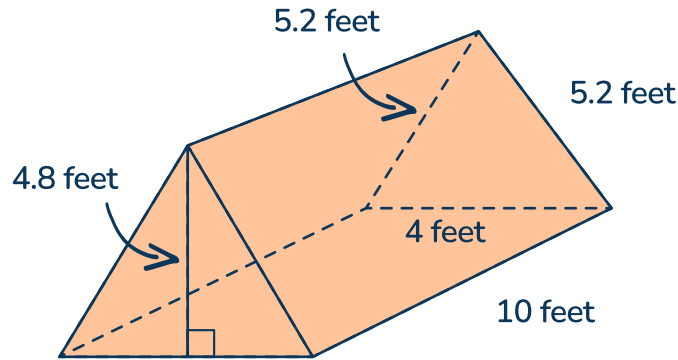
A. $4\frac{19}{24}$ recipes

B. $5\frac{4}{5}$ recipes

C. 4 recipes

D. 5 recipes

38

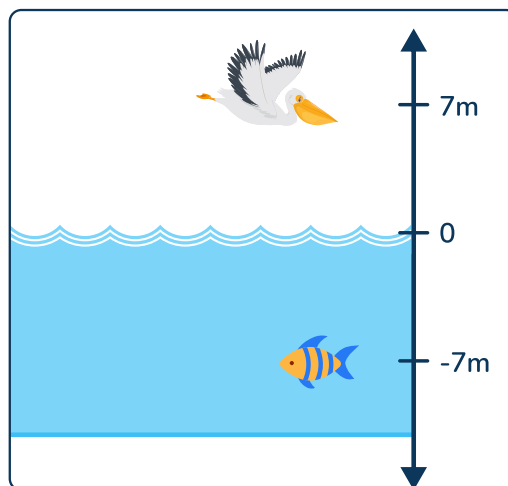


What is the surface area of the triangular prism?

- A. 96 feet²
- B. 163.2 feet²
- C. 164.8 feet²
- D. 123.2 feet²

39

The diagram below shows the location of a seagull and fish in comparison to sea level.



Which statements are true? Select **all** the correct answers.

- A. The seagull and the fish are in the same position.
- B. The fish is 7m above the seagull.
- C. The seagull and the fish are the same distance from 0m.
- D. The water the fish is in measures -7 degrees.
- E. The point where the water meets the sky is at 0m.

40 For the paint color ‘peach’, the ratio of ounces of yellow paint to red paint is 5:2. Which mixtures create ‘peach’? Select **all** the correct answers.

- A. 22 ounces of red and 55 ounces of yellow
- B. 25 ounces of yellow and 10 ounces of red
- C. 60 ounces of red and 24 ounces of yellow
- D. 16 ounces of yellow and 19 ounces of red
- E. 6 ounces of yellow and 3 ounces of red

41 Keiran is collecting data on two water filters.

Water Filter A	
Time (minutes)	Ounces filtered
3	72
4	96
7	168

Water Filter B	
Time (minutes)	Ounces filtered
2	52
5	130
6	156

Which filter is faster and by how many ounces per minute?

- A. Filter A is faster by 20 ounces per minute
- B. Filter B is faster by 10 ounces per minute
- C. Filter A is faster by 1 ounce per minute
- D. Filter B is faster by 2 ounces per minute

42 A ticket to the zoo costs \$19. Owen wrote the following equation: $19x = y$.

Which statements correctly describe Owen’s equation within the context?
Select all the correct answers.

- A. x is the price of one ticket
- B. y is the total dollars for x tickets sold
- C. x has only one correct solution
- D. $19x$ is the ticket price multiplied by the tickets sold
- E. 19 is the total number of tickets sold so far

43 Narek and Ellie walked laps at the track each week. The table shows how many laps Narek and Ellie walked each week.

	Narek	Ellie
Week 1	45	31
Week 2	51	28
Week 3	46	85
Week 4	34	22
Week 5	81	91
Week 6	67	79

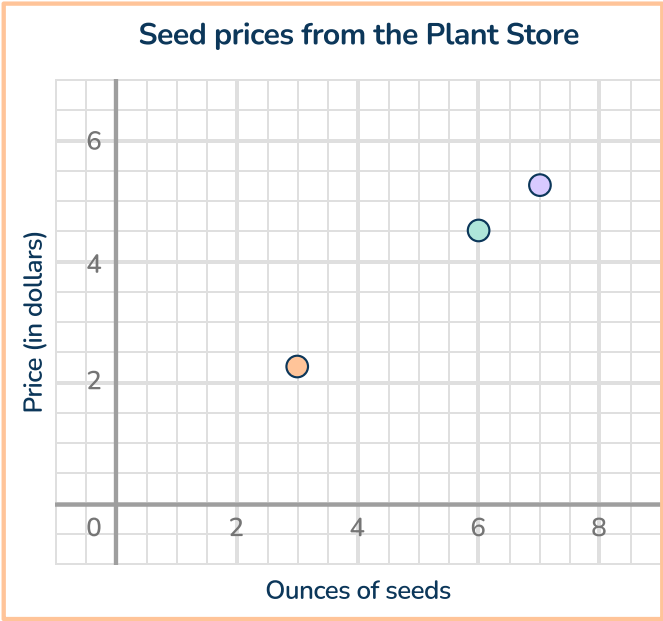
Which statement about the data is true?

- A. Narek’s median number of laps is greater than his mean.
- B. Ellie’s median number of laps is smaller than Narek’s.
- C. Ellie’s mean number of laps is greater than her median.
- D. Narek’s mean number of laps 1 laps less than Ellie’s.

44 A bucket has 13 gallons of water. The bucket has a small hole. Every two minutes, 0.5 gallons of water leaks out of the bucket. Which expression shows how much water is in the bucket after x minutes?

- A. $13 + 0.5x$
- B. $13 - 0.5x$
- C. $13 + 0.25x$
- D. $13 - 0.25x$

45 The graph, table and equation show the price of seeds at three different places.



Seed prices from the farmer	
Ounces of seeds	Price
4	\$2.88
5	\$3.60
8	\$5.76

A Hardware store sells seeds in packages of 3 ounces. They use the equation $2.04p = t$, where p is the number of packages and t is the total price.

Which place has the most expensive seeds per ounce?

- A. The Plant store
- B. The farmer
- C. The Hardware store
- D. The price is the same at all three places

46 What is $\frac{3}{8}$ as a decimal?

- A. 0.38
- B. 0.125
- C. 0.375
- D. 0.95

47 Amberly has $3\frac{1}{3}$ pounds of apples. Dhani has 3.32 pounds of apples. Which comparison is correct?

- A. $3\frac{1}{3} > 3.32$
- B. $3.32 = 3\frac{1}{3}$
- C. $3\frac{1}{3} < 3.32$
- D. $3.32 > 3\frac{1}{3}$

- 48 $4.09, 3\frac{1}{7}, 4\frac{1}{5}, 3\frac{2}{15}, 3.1, 4.1$

Which list shows the numbers in descending order?

- A. $4.09, 4.1, 4\frac{1}{5}, 3.1, 3\frac{1}{7}, 3\frac{2}{15}$
B. $4\frac{1}{5}, 4.09, 4.1, 3\frac{1}{7}, 3\frac{2}{15}, 3.1$
C. $4.09, 4\frac{1}{5}, 4.1, 3\frac{1}{7}, 3.1, 3\frac{2}{15}$
D. $4\frac{1}{5}, 4.1, 4.09, 3\frac{1}{7}, 3\frac{2}{15}, 3.1$

-
- 49 Letters M–P each show possible steps for ordering 5.06, 5.6, 5.91, and 5.091 in ascending order.

M: Compare the tenths position of all the numbers

N: Compare the hundredths position of only 5.06 and 5.091

O: Compare the ones position of all the numbers

P: Compare the tenths position of only 5.6 and 5.091

What is the correct order of steps?

Write an M, N, O or P on each line. (There are only 3 necessary steps)

First: ____

Next: ____

Last: ____

50 Which are real world examples of integers? Select all the correct answers.

- A. Jeremy ate $\frac{1}{3}$ of his sandwich.
 - B. Kellie owes his sister \$5.
 - C. The tree is 6.751 meters tall.
 - D. The temperature is 0 degrees.
 - E. The recipe calls for $2\frac{1}{2}$ bananas.
 - F. Marshawn has -18 points.
-

51 Which statement about -5.6 and 1.3 is true?

- A. 1.3 has a larger absolute value, because it is the larger number
- B. -5.6 has a larger absolute value, because is is farther away from 0
- C. The opposite of 1.3 has a smaller absolute value, because it is closer to 0
- D. The opposite of -5.6 has a greater absolute value, because it is the larger number

- 52 On the number line, draw a point to show the opposite of 3.5.



53



Which statements are true? Select **all** the correct answers.

- A. a is closer to 0 than 25.
- B. $-20 > a$
- C. $|a| = 24$
- D. The opposite of a is 13
- E. $|a| < -8$

- 54 Fill in the blanks to make true statements about the expression $2x - 7 + 8y$.
- x and y are _____
 - 2 is a _____
 - the expression has 3 _____

Fill in the blanks with the options shown in the box below.

coefficient

constant

variables

products

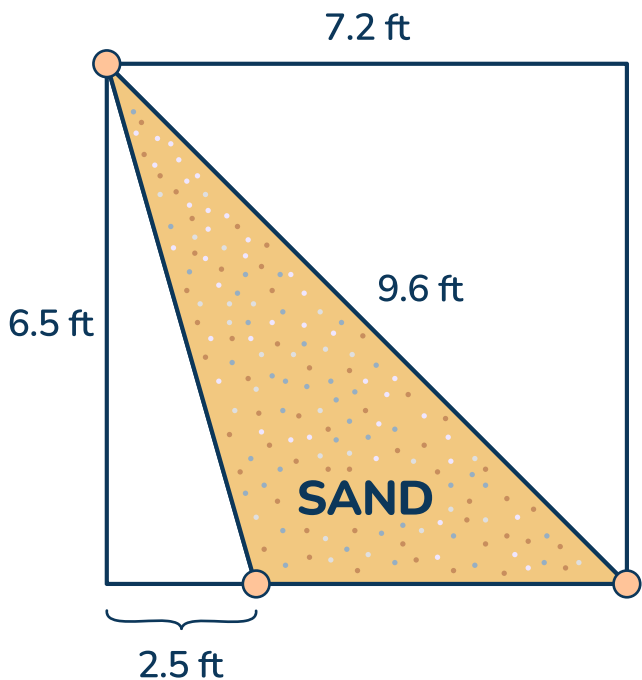
terms

difference

-
- 55 A fish tank holds no more than 35 gallons of water. If g represents the number of gallons in the tank, which inequality shows how much water can be in the tank?

- A. $g \leq 35$
- B. $g \geq 35$
- C. $g < 35$
- D. $g > 35$

56 Dalia covers part of her garden with sand.



How many square feet will Dalia cover with sand?

Fill in the blank: _____ square feet

57 Nova is five years older than her brother Henry. Henry is twice as old as Holly. h represents Holly's age. Write an expression that calculates Nova's age.

Expression: _____

- 58 Below are the final scores for the first 5 games Ryker's baseball team played.
Total score: 7, 10, 4, 4, 11.

What is the mean of the total scores?

- A. 7.5
 - B. 4
 - C. 6
 - D. 7.2
-

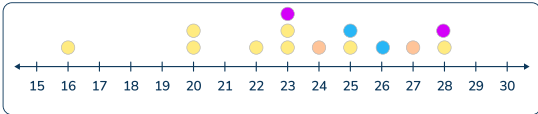
- 59 The inequality $w < 25$ shows the weight of dogs, in pounds, allowed in a dog park.
Graph the inequality to show all allowed dog weights, in pounds, for the dog park.



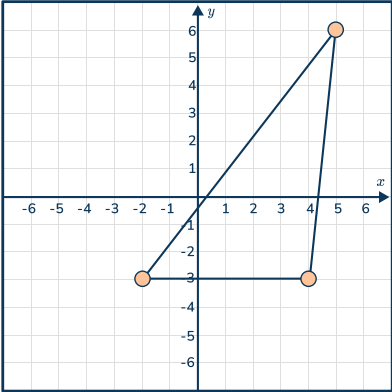
- 60 The probability of choosing a yellow marble from a bag is $\frac{12}{25}$. Which best describes the likelihood of choosing a yellow marble?

- A. likely
- B. equally likely
- C. unlikely
- D. certain

Answer Key

Item number	Correct answer	Standard(s)	DOK
1	1,331	6.PAFR.2.2	DOK 1
2	$0.7, \frac{5}{7}, \frac{7}{9}, 0.79$	6.NR.2.2	DOK 1
3	D	6.PAFR.3.4	DOK 1
4	A	6.PAFR.3.5	DOK 1
5	C	6.PAFR.2.8	DOK 2
6	B, D, E	6.PAFR.2.5	DOK 1
7	D	6.PAFR.2.3	DOK 2
8	6,800 m	6.PAFR.2.9	DOK 1
9	-14	6.PAFR.3.3	DOK 1
10	14.2	6.PAFR.3.7	DOK 1
11	 <p>**Multiple correct answers (shown in orange, purple and blue)</p>	6.DPSR.1.4	DOK 3
12	C	6.MGSR.1.2	DOK 1
13	D	6.DPSR.1.2	DOK 1
14	Equation: $7b = p$ b is the independent variable p is the dependent variable	6.PAFR.1.1, 6.PAFR.1.2	DOK 2



South Carolina State Practice Math Test | Grade 6 | Answers

Item number	Correct answer	Standard(s)	DOK																
15	C	6.DPSR.1.3	DOK 2																
16	C	6.NR.1.1	DOK 1																
17	$\frac{3}{2}$	6.PAFR.3.2	DOK 1																
18	75.882	6.PAFR.3.7	DOK 2																
19	B, C, D	6.PAFR.3.4	DOK 1																
20	105	6.PAFR.2.3	DOK 1																
21	<table><tr><td></td><td>Likely</td><td>Unlikely</td><td>Even chance</td></tr><tr><td>The probability of picking green.</td><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>The probability of picking red and blue.</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>The probability of NOT picking red.</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr></table>		Likely	Unlikely	Even chance	The probability of picking green.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The probability of picking red and blue.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The probability of NOT picking red.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6.DPSR.2.1	DOK 2
	Likely	Unlikely	Even chance																
The probability of picking green.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>																
The probability of picking red and blue.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																
The probability of NOT picking red.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																
22		6.MGSR.3.2	DOK 1																
23	C, D	6.MGSR.2.1	DOK 1																
24	B, A	6.NR.2.3	DOK 2																
25	B, C	6.PAFR.2.6	DOK 2																
26	D	6.PAFR.2.6	DOK 1																
27	A	6.DPSR.2.2	DOK 2																
28	D	6.MGSR.1.4, 6.MGSR.3.1	DOK 2																


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Item number	Correct answer	Standard(s)	DOK
29	$\frac{5}{12} \div \frac{1}{4} = 1\frac{2}{3}$	6.PAFR.3.6	DOK 3
30	D	6.DPSR.1.2	DOK 2
31	70	6.DPSR.2.3	DOK 1
32	A	6.PAFR.3.6	DOK 2
33	B	6.MGSR.1.5	DOK 2
34	D	6.NR.2.4	DOK 1
35	C	6.PAFR.1.1	DOK 2
36	A, C, F	6.PAFR.2.2	DOK 2
37	C	6.PAFR.3.6	DOK 2
38	B	6.MGSR.1.3	DOK 1
39	C, E	6.NR.2.3	DOK 2
40	A, B	6.PAFR.2.8	DOK 2
41	D	6.PAFR.2.8	DOK 2
42	B, D	6.PAFR.1.2	DOK 2
43	C	6.DPSR.1.4	DOK 2
44	D	6.PAFR.2.4	DOK 2
45	A	6.PAFR.2.8	DOK 2
46	C	6.NR.1.1	DOK 1
47	A	6.NR.2.1	DOK 2
48	D	6.NR.2.2	DOK 1

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Item number	Correct answer	Standard(s)	DOK
49	First: O Next: M Last: N	6.NR.2.2	DOK 2
50	B, D, F	6.NR.2.3	DOK 1
51	B	6.NR.2.4	DOK 2
52		6.NR.2.4	DOK 1
53	A, B, C	6.NR.2.4	DOK 2
54	<ul style="list-style-type: none"> • x and y are variables • 2 is a coefficient • the expression has 3 terms 	6.PAFR.2.1	DOK 1
55	A	6.PAFR.2.5	DOK 2
56	15.275	6.MGSR.1.1	DOK 2
57	$2h + 5$	6.PAFR.2.4	DOK 2
58	D	6.DPSR.1.4	DOK 1
59		6.PAFR.3.1	DOK 1
60	B	6.DPSR.2.1	DOK 1

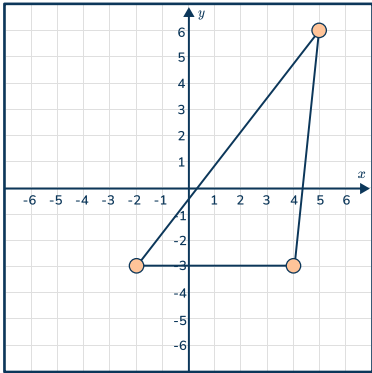
ANSWERS SORTED BY REPORTING CATEGORIES

Numerical Reasoning			
Item number	Correct answer	Standard(s)	DOK
2	$0.7, \frac{5}{7}, \frac{7}{9}, 0.79$	6.NR.2.2	DOK 1
24	B, A	6.NR.2.3	DOK 2
34	D	6.NR.2.4	DOK 1
39	C, E	6.NR.2.3	DOK 2
46	C	6.NR.1.1	DOK 1
47	A	6.NR.2.1	DOK 2
48	D	6.NR.2.2	DOK 1
49	First: O Next: M Last: N	6.NR.2.2	DOK 2
50	B, D, F	6.NR.2.3	DOK 1
51	B	6.NR.2.4	DOK 2
52		6.NR.2.4	DOK 1
53	A, B, C	6.NR.2.4	DOK 2
56	15.275	6.NR.1.1	DOK 1

South Carolina State Practice Math Test | Grade 6 | Answers

Patterns Algebra and Functional Reasoning			
Item number	Correct answer	Standard(s)	DOK
1	1,331	6.PAFR.2.2	DOK 1
3	D	6.PAFR.3.4	DOK 1
4	A	6.PAFR.3.5	DOK 1
5	C	6.PAFR.2.8	DOK 2
6	B, D, E	6.PAFR.2.5	DOK 1
7	D	6.PAFR.2.3	DOK 2
8	6,800 m	6.PAFR.2.9	DOK 1
9	-14	6.PAFR.3.3	DOK 1
10	14.2	6.PAFR.3.7	DOK 1
14	Equation: $7b = p$ b is the independent variable p is the dependent variable	6.PAFR.1.1, 6.PAFR.1.2	DOK 1
17	$\frac{3}{2}$	6.PAFR.3.2	DOK 1
18	75.882	6.PAFR.3.7	DOK 2
20	105	6.PAFR.2.3	DOK 1
25	B, C	6.PAFR.2.6	DOK 2
26	D	6.PAFR.2.6	DOK 1
29	$\frac{5}{12} \div \frac{1}{4} = 1\frac{2}{3}$	6.PAFR.3.6	DOK 3
32	A	6.PAFR.3.6	DOK 2
33	B	6.PAFR.3.4	DOK 1

Patterns Algebra and Functional Reasoning			
Item number	Correct answer	Standard(s)	DOK
35	C	6.PAFR.1.1	DOK 2
36	A, C, F	6.PAFR.2.2	DOK 2
37	C	6.PAFR.3.6	DOK 2
40	A, B	6.PAFR.2.8	DOK 2
41	D	6.PAFR.2.8	DOK 2
42	B, D	6.PAFR.1.2	DOK 2
44	D	6.PAFR.2.4	DOK 2
45	A	6.PAFR.2.8	DOK 2
54	<ul style="list-style-type: none">x and y are variables2 is a coefficientthe expression has 3 terms	6.PAFR.2.1	DOK 1
55	A	6.PAFR.2.5	DOK 2
57	$2h + 5$	6.PAFR.2.4	DOK 2
59		6.PAFR.3.1	DOK 1

Measurement, Geometry, and Spatial Reasoning			
Item number	Correct answer	Standard(s)	DOK
12	C	6.MGSR.1.2	DOK 1
16	C	6.MGSR.1.1	DOK 2
19	B, C, D	6.MGSR.1.5	DOK 2
22		6.MGSR.3.2	DOK 1
23	C, D	6.MGSR.2.1	DOK 1
28	D	6.MGSR.1.4, 6.MGSR.3.1	DOK 2
38	B	6.MGSR.1.3	DOK 1




Data, Probability and Statistical Reasoning																			
Item number	Correct answer	Standard(s)	DOK																
11	<div><p>**Multiple possible correct answers (shown in orange, purple and blue)</p></div>	6.DPSR.1.4	DOK 3																
13	D	6.DPSR.1.2	DOK 1																
15	C	6.DPSR.1.3	DOK 2																
21	<table><tr><td></td><td>Likely</td><td>Unlikely</td><td>Even chance</td></tr><tr><td>The probability of picking green.</td><td><input type="checkbox"/></td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>The probability of picking red and blue.</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr><tr><td>The probability of NOT picking red.</td><td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr></table>		Likely	Unlikely	Even chance	The probability of picking green.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The probability of picking red and blue.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The probability of NOT picking red.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6.DPSR.2.1	DOK 2
	Likely	Unlikely	Even chance																
The probability of picking green.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>																
The probability of picking red and blue.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																
The probability of NOT picking red.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																
27	A	6.DPSR.2.2	DOK 2																
30	D	6.DPSR.1.2	DOK 2																
31	70	6.DPSR.2.3	DOK 1																
43	C	6.DPSR.1.4	DOK 2																
58	D	6.DPSR.1.4	DOK 1																
60	B	6.DPSR.2.1	DOK 1																

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