

Answer Key with Questions

EOT-3_2023_Genral_Part-2_Practice Questions

1) Choose the correct answer.

Joseph lives $\frac{1}{5}$ mile from school. He can walk to school in 5 minutes. How far does Joseph walk each minute?

- ☐ $\frac{1}{25}$ mile
- ☐ $\frac{5}{5}$ miles
- ☐ 5 miles
- ☐ 25 miles

Correct Answer

$\frac{1}{25}$ mile

2) Choose the correct answer.

Karlie still has $\frac{1}{3}$ of her book left to read. She plans to read the same amount each of the next 5 days. How much of the book does Karlie plan to read each day?

- ☐ $\frac{3}{5}$ of the book
- ☐ $\frac{1}{3}$ of the book
- ☐ $\frac{1}{15}$ of the book
- ☐ $\frac{1}{8}$ of the book

Correct Answer

$\frac{1}{15}$ of the book

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3) Choose the correct answer.

A pitcher of lemonade is $\frac{1}{4}$ full. Remy pours the lemonade equally into 3 cups. What fraction of a full pitcher of lemonade gets poured into each cup?

- ☐ $\frac{1}{12}$ of a pitcher
- ☐ $\frac{3}{4}$ of a pitcher
- ☐ $\frac{4}{3}$ of a pitcher
- ☐ $\frac{1}{7}$ of a pitcher

Correct Answer

$\frac{1}{12}$ of a pitcher

4) Enter the answer.

Zach has a pitcher that holds 1.5 L of lemonade. Each cup holds 280 mL of lemonade. He pours out 5 glasses for himself and 4 friends. How much lemonade will be left in the pitcher?

_____ mL

Correct Answer

Blank 1: 100 or one hundred

5) Enter the answer.

A bag of apples weighs 3 pounds. Each apple weighs 6 ounces. How many apples are in the bag?

_____ apples

Correct Answer

Blank 1: 8 or eight

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6) Enter the answer.

A hiking trail is 3.2 km long. From the start of the trail, the bridge is 1.4 km along the trail. Once at the bridge, a waterfall is 900 m farther. How far is it from the waterfall to the end of the trail?

_____ km

Correct Answer

Blank 1: 0.9 or .9

7) Enter the answer.

A deli uses 4 ounces of meat on each of its sandwiches. How many sandwiches can be made from 5 pounds of meat?

_____ sandwiches

Correct Answer

Blank 1: 20 or twenty

8) Enter the answers.

A bush is 3 feet 4 inches tall. Herb trims the bush so that the bush is now $\frac{3}{4}$ the height it was. How tall is the bush now?

_____ feet _____ inches tall

Correct Answer

Blank 1: 2 or two

Blank 2: 6 or six

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9) Enter the answer.

Hailey builds a city out of craft sticks. The main road is 9 craft sticks long. Each craft stick is

12 centimeters long. How much longer than 1 meter is the road?

_____ centimeters

Correct Answer

Blank 1: 8 or eight

10) Enter the answer.

Molly has a length of yarn that is 4 feet long. She cuts it into equal pieces that are 4 inches long. How many pieces of yarn does Molly have?

_____ pieces of yarn

Correct Answer

Blank 1: 12 or twelve

11) Enter the answer.

Bob walks around a track that is 200 meters long. He walks around the track $4\frac{1}{2}$ times. How many kilometers does Bob walk?

_____ kilometer

Correct Answer

Blank 1: 0.9 or .9

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12) Enter the answer.

Mark buys a 3-pound bag of apples. He takes out some of the apples and measures the weight of those apples to be 1 pound 12 ounces. How many ounces of apples are left in the bag?

_____ ounces

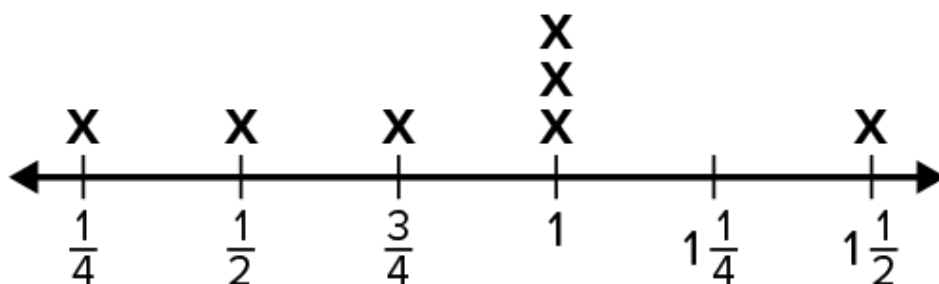
Correct Answer

Blank 1: 20 or twenty

13) Enter the answer.

Look at the line plot. The line plot shows the number of times Kaylee practices the piano.

Piano Practice Times (hours)



How many times did Kaylee practice for 1 hour or more?

_____ times

Correct Answer

Blank 1: 4 or four

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14) Enter the answer

How many times did Kayle practice for exactly $1\frac{1}{4}$ hours?

_____ time(s)

Correct Answer

Blank 1: 0, no, or zero

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15) Choose the correct answer.

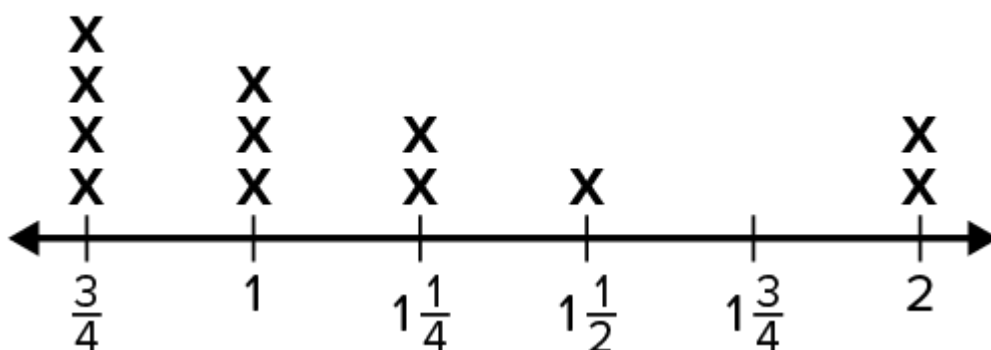
A group of friends picked blueberries. The weights, in pounds, of the amounts of blueberries each person picked are listed.

$\frac{3}{4}$, $1\frac{1}{4}$, $1\frac{3}{4}$, 2, $\frac{3}{4}$, 1, $\frac{3}{4}$, $1\frac{1}{4}$, 1, $\frac{3}{4}$, 2, 1

Look at the line plots. Which line plot correctly shows the data?

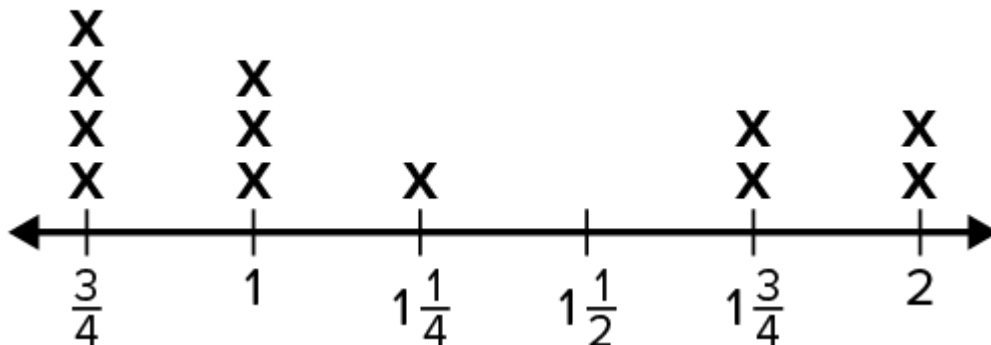
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Weight of Blueberries (pounds)



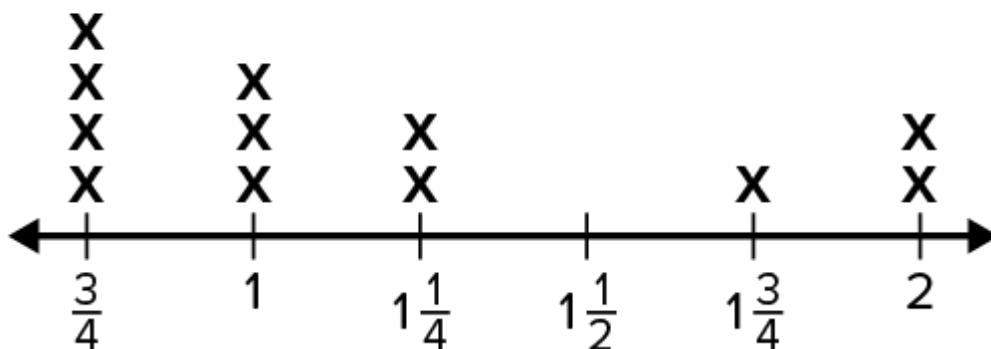
☐

Weight of Blueberries (pounds)



☐

Weight of Blueberries (pounds)

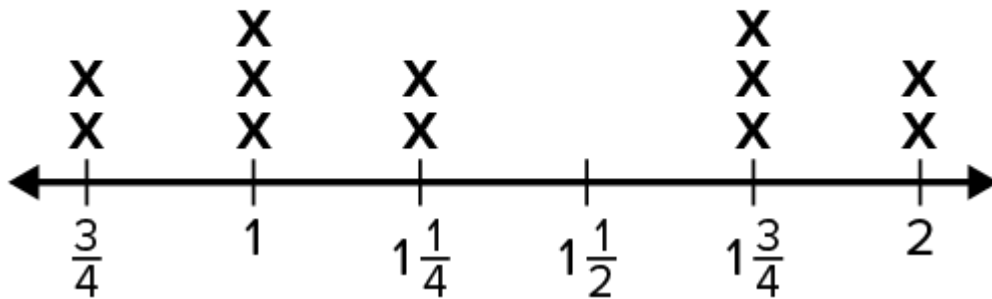


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Answer Key with Questions

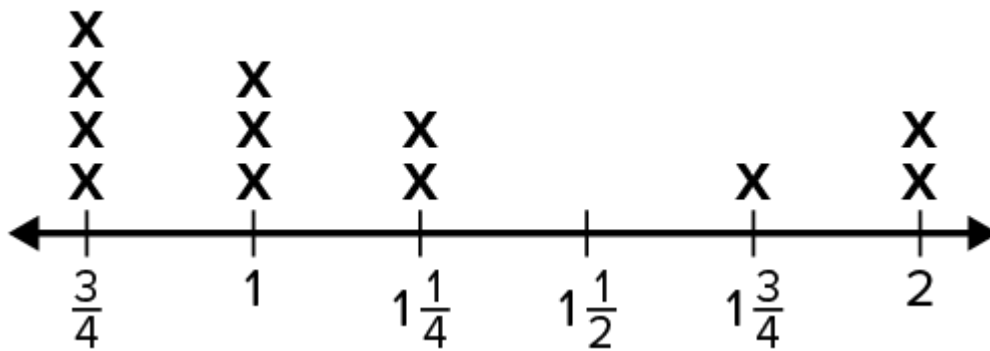
EOT-3_2023_Genral_Part-2_Practice Questions

Weight of Blueberries (pounds)



Correct Answer

Weight of Blueberries (pounds)

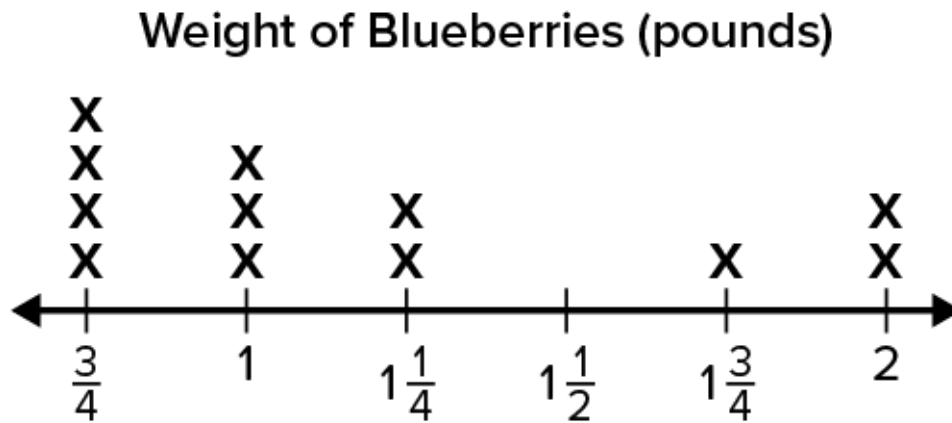


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EOT-3_2023_Genral_Part-2_Practice Questions

16) Enter the answer.

Look at the line plot. It shows weight of blueberries a group of friends picked.



How many friends were in the group?

_____ friends

Correct Answer

Blank 1: 12 or twelve

17) Choose the correct answer.

Which weight or weights of blueberries were picked most often?

- ☐ $\frac{3}{4}$ pound
- ☐ 1 pound
- ☐ $1\frac{1}{4}$ pounds
- ☐ 2 pounds

Correct Answer

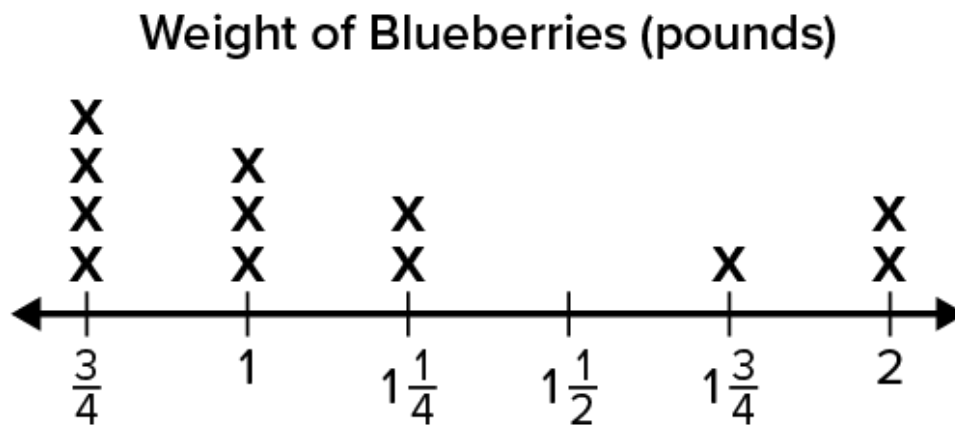
$\frac{3}{4}$ pound

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18) Enter the answer.

Look at the line plot. It shows weight of blueberries a group of friends picked.



How many friends picked an amount of blueberries that weighed more than $1\frac{1}{2}$ pounds?

_____ friends

Correct Answer

Blank 1: 3 or three

19) Enter the answer.

What is the heaviest weight of blueberries that one person picked?

_____ pounds

Correct Answer

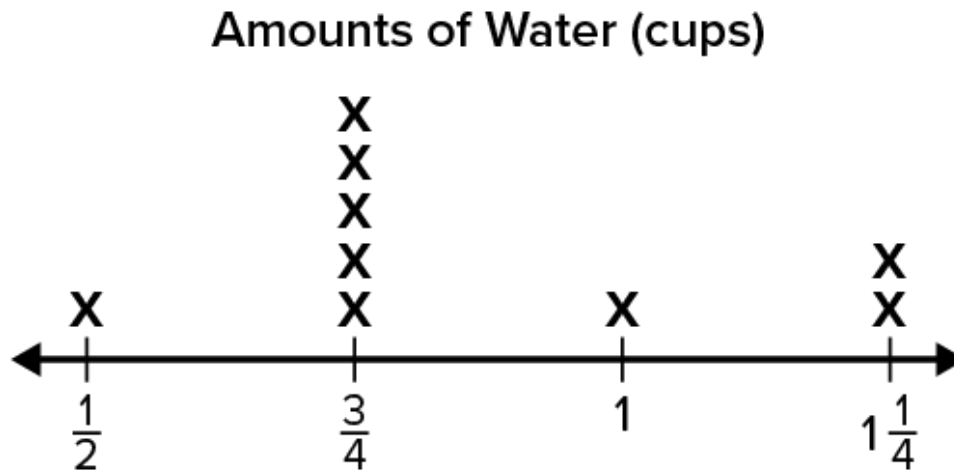
Blank 1: 2

Answer Key with Questions

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20) Choose the correct answer.

Look at the line plot. It shows the amount of water Brett drinks throughout the day.



What is the difference between the greatest amount of water Brett drank and the least?

- ☐ $\frac{1}{2}$ cup
- ☐ $\frac{3}{4}$ cup
- ☐ 1 cup
- ☐ $1\frac{1}{4}$ cup

Correct Answer

$\frac{3}{4}$ cup

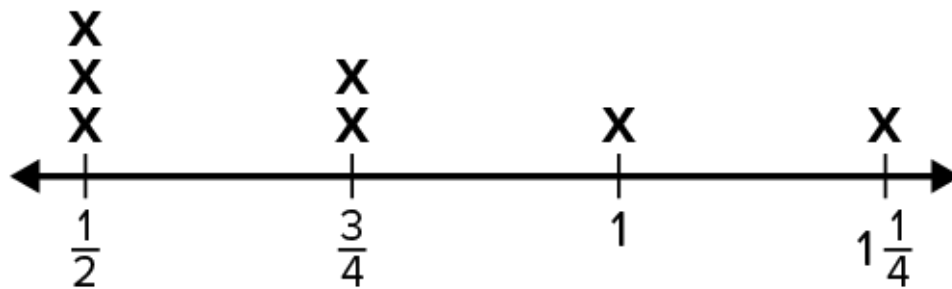
Answer Key with Questions

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21) Enter the answer.

Look at the line plot. It shows the time Sem spent practicing the guitar for one week.

Time Spent Practicing Guitar (hours)



For how many days did Sem record his time spent practicing?

_____ days

Correct Answer

Blank 1: 7 or seven

22) Choose the correct answer.

What is the difference between the greatest amount of time Sem spent practicing and the least amount of time Sem spent practicing?

- ☐ $\frac{1}{8}$ hour
- ☐ $\frac{1}{4}$ hour
- ☐ $\frac{1}{2}$ hour
- ☐ $\frac{3}{4}$ hour

Correct Answer

$\frac{3}{4}$ hour

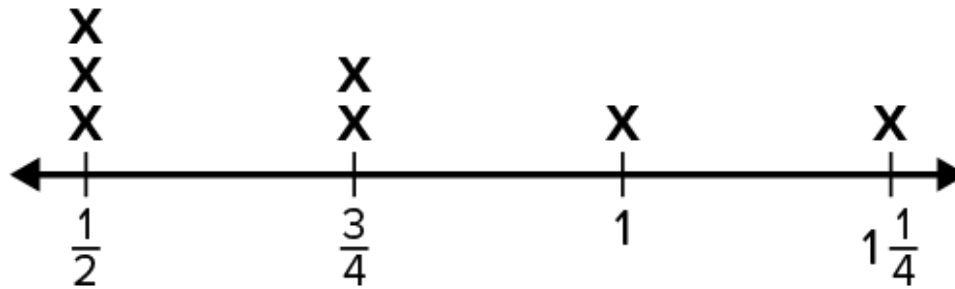
Answer Key with Questions

EOT-3_2023_Genral_Part-2_Practice Questions

23) Enter the answer.

Look at the line plot. It shows the time Sem spent practicing the guitar for one week.

Time Spent Practicing Guitar (hours)



How much time did Sem spend practicing the guitar during the week?

- ☐ $3\frac{1}{2}$ hours
- ☐ $4\frac{3}{4}$ hours
- ☐ $5\frac{1}{4}$ hours
- ☐ 6 hours

Correct Answer

$5\frac{1}{4}$ hours

Answer Key with Questions

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24) Choose the correct answer.

Next week, Sem plans to spend the same amount of time practicing, but plans to spend an equal amount of time each day. How much time should Sem spend practicing each day?

- ☐ $\frac{1}{2}$ hour
- ☐ $\frac{3}{4}$ hour
- ☐ 1 hour
- ☐ $1\frac{1}{4}$ hour

Correct Answer

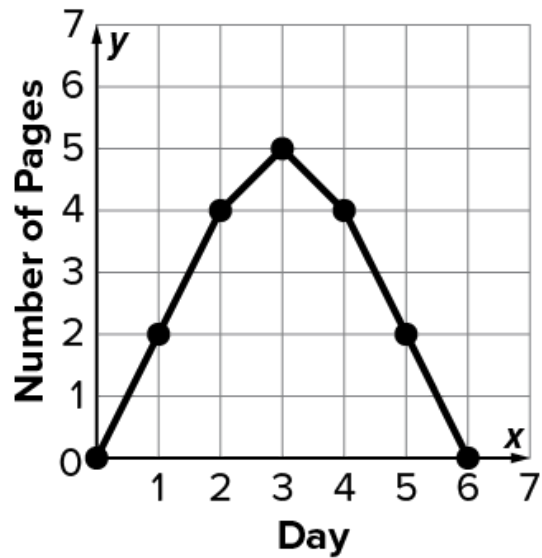
$\frac{3}{4}$ hour

Answer Key with Questions

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25) Enter the answer.

This graph shows the number of pages Connie read over 7 days. Look at the graph.



How many pages did Connie read on Day 2?

_____ pages

Correct Answer

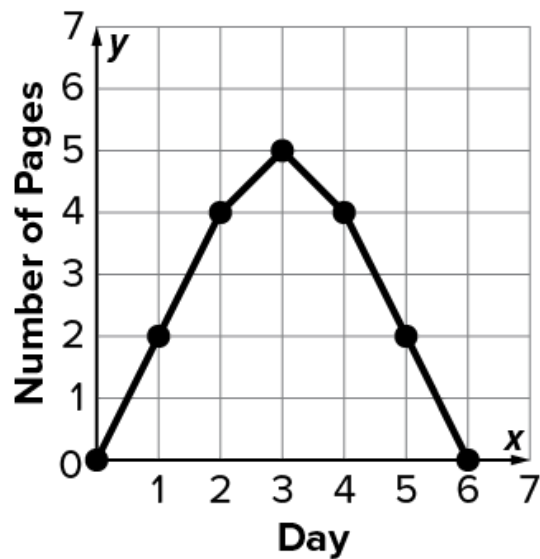
Blank 1: 4 or four

Answer Key with Questions

EOT-3_2023_Genral_Part-2_Practice Questions

26) Choose all that apply.

This graph shows the number of pages Connie read over 7 days. Look at the graph.



On which day(s) did Connie read 2 pages? **Choose all that apply.**

- ☐ Day 1
- ☐ Day 2
- ☐ Day 3
- ☐ Day 4
- ☐ Day 5
- ☐ Day 6

Correct Answer

Day 1

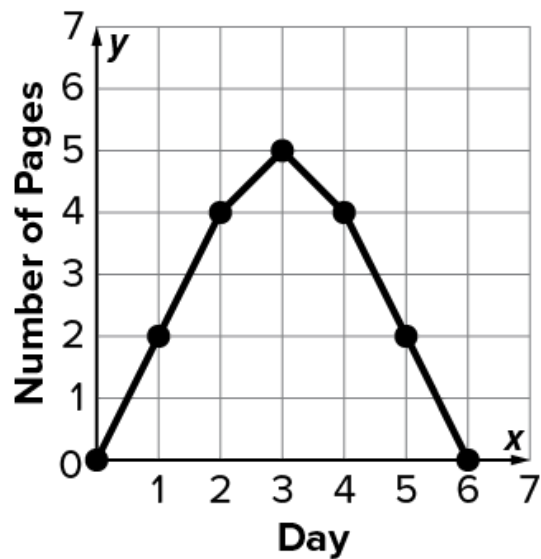
Day 5

Answer Key with Questions

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27) Choose the correct answer.

This graph shows the number of pages Connie read over 7 days. Look at the graph.



What does the point (6, 0) mean?

- ☐ The greatest number of pages Connie read was 6 pages.
- ☐ Connie did not read any pages on Day 6.
- ☐ Connie read the most pages on Day 6.
- ☐ Connie read 6 pages on Day 6.

Correct Answer

Connie did not read any pages on Day 6.

Answer Key with Questions

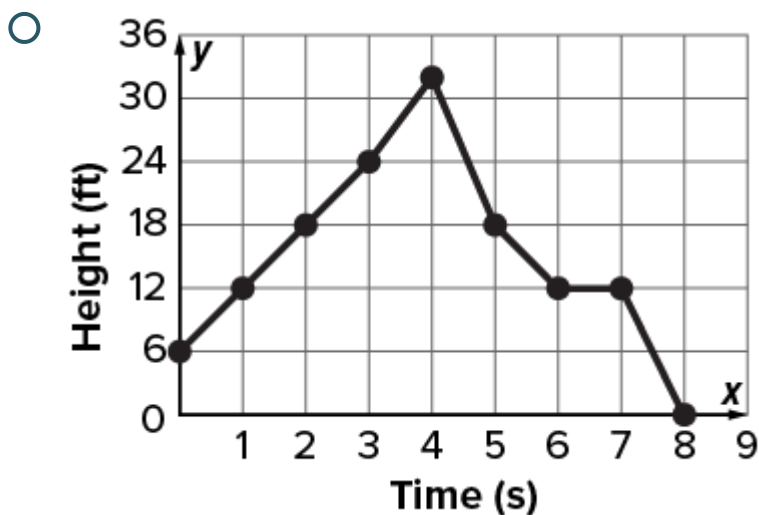
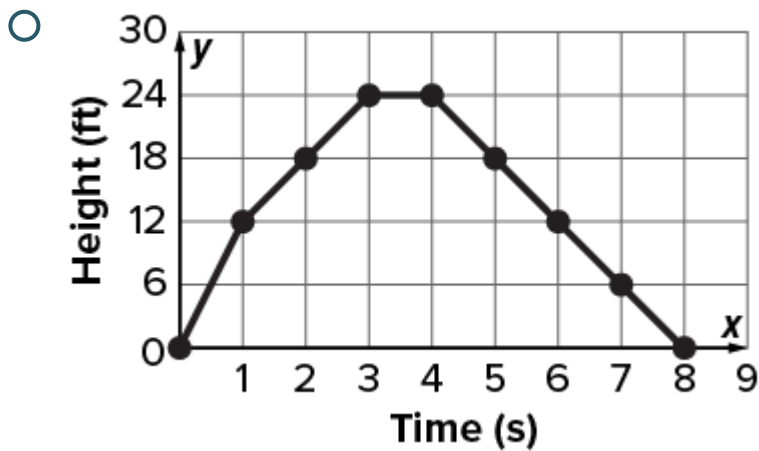
EOT-3_2023_Genral_Part-2_Practice Questions

28) Choose the correct answer.

Will flies a drone in his yard. An app on his phone records the time the drone is in the air and its height. The table shows the results. Look at the table.

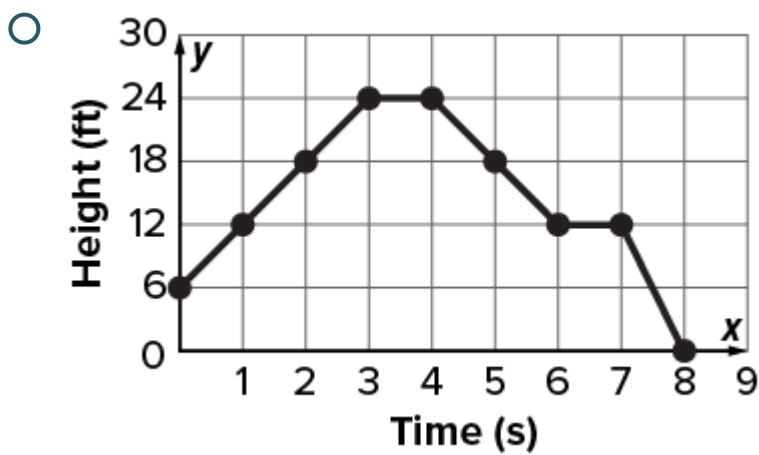
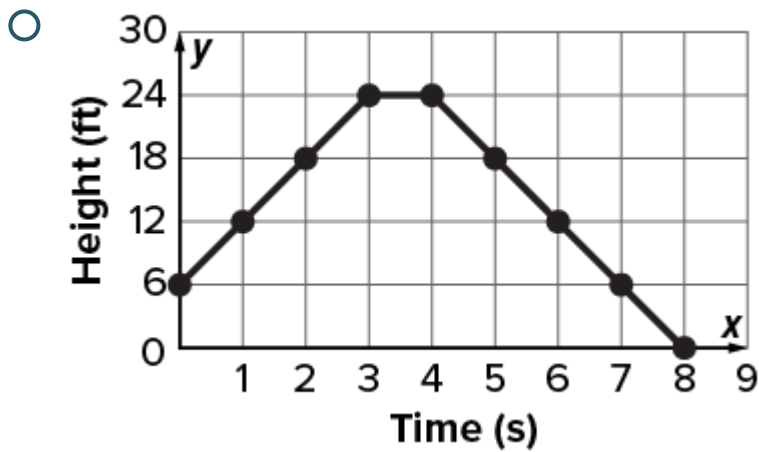
Drone Height	
Time (s)	Height (ft)
0	6
1	12
2	18
3	24
4	24
5	18
6	12
7	6
8	0

Which coordinate grid correctly represents the height of the drone for each number of seconds that it is in the air?

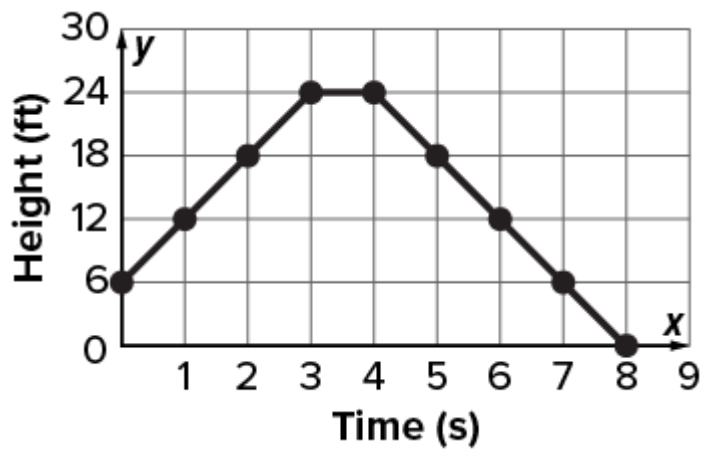


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Correct Answer

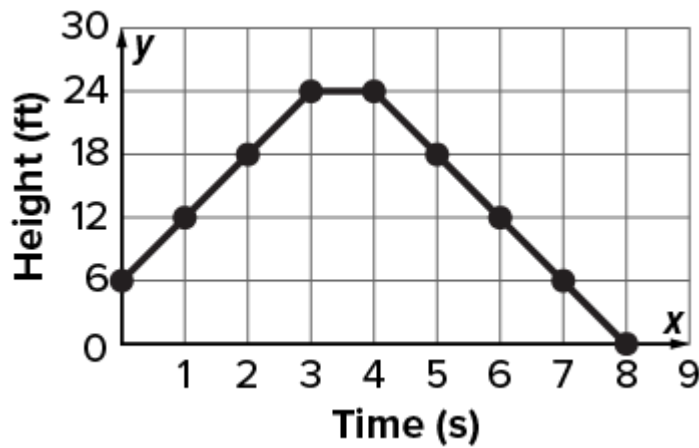


Answer Key with Questions

EOT-3_2023_Genral_Part-2_Practice Questions

29) Enter the answer.

Will flies a drone in his yard. An app on his phone records the time the drone is in the air and its height. Look at the coordinate grid.



From what height does the drone take off?

_____ feet

Correct Answer

Blank 1: 6 or six

30) Enter the answer.

How high was the drone at 3 seconds?

_____ feet

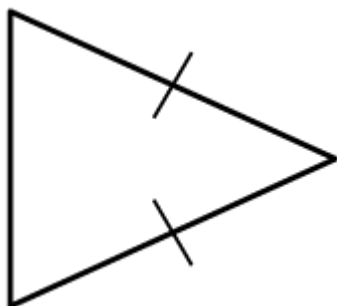
Correct Answer

Blank 1: 24, twenty-four, or twenty four

Answer Key with Questions

EOT-3_2023_Genral_Part-2_Practice Questions

31) Look at the triangle.



How would you classify the triangle? **Choose all that apply.**

- ☐ scalene
- ☐ isosceles
- ☐ equilateral

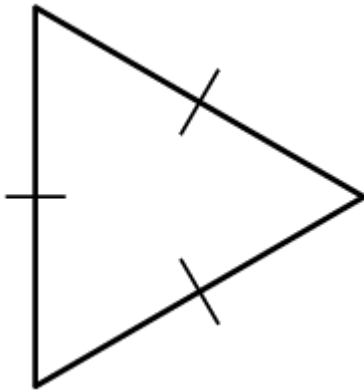
Correct Answer

isosceles

Answer Key with Questions

EOT-3_2023_Genral_Part-2_Practice Questions

32) Look at the triangle.



How would you classify the triangle? **Choose all that apply.**

- ☐ scalene
- ☐ isosceles
- ☐ equilateral

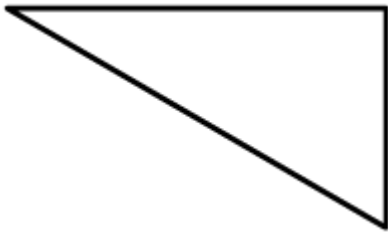
Correct Answer

isosceles
equilateral

Answer Key with Questions

EOT-3_2023_Genral_Part-2_Practice Questions

33) Look at the triangle.



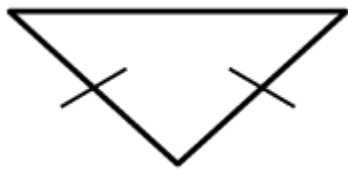
How would you classify the triangle? **Choose all that apply.**

- ☐ scalene
- ☐ isosceles
- ☐ equilateral

Correct Answer

scalene

34) Look at the triangle.



How would you classify the triangle? **Choose all that apply.**

- ☐ scalene
- ☐ isosceles
- ☐ equilateral

Correct Answer

isosceles

Answer Key with Questions

EOT-3_2023_Genral_Part-2_Practice Questions

35) What properties do all quadrilaterals have? **Choose all that apply.**

- ☐ All quadrilaterals have 4 sides.
- ☐ All quadrilaterals have one pair of sides the same length.
- ☐ All quadrilaterals have four right angles.
- ☐ All quadrilaterals have one pair of parallel sides.

Correct Answer

All quadrilaterals have 4 sides.

36) Choose the correct answer.

How is a rhombus similar to a square?

- ☐ Both have exactly one pair of parallel sides.
- ☐ Both have one pair of sides the same length.
- ☐ Both have four sides that are the same length.
- ☐ Both have four right angles.

Correct Answer

Both have four sides that are the same length.

37) How is a rectangle similar to a parallelogram? **Choose all that apply.**

- ☐ Both have exactly one pair of parallel sides.
- ☐ Both have four right angles.
- ☐ Both have two pairs of sides that are the same length.
- ☐ Both have two pairs of parallel sides.

Correct Answer

Both have two pairs of sides that are the same length.

Both have two pairs of parallel sides.

Answer Key with Questions

EOT-3_2023_Genral_Part-2_Practice Questions

38) Choose the correct answer.

How is a trapezoid different from a parallelogram?

- ☐ A trapezoid has one pair of parallel sides whereas a parallelogram has two pairs of parallel sides.
- ☐ A trapezoid has no pairs of parallel sides whereas a parallelogram has two pairs of parallel sides.
- ☐ A trapezoid has four right angles whereas a parallelogram has no right angles.
- ☐ A trapezoid has all four sides that are the same length whereas a parallelogram has two pairs of sides that are the same length.

Correct Answer

A trapezoid has one pair of parallel sides whereas a parallelogram has two pairs of parallel sides.

39) How is a rectangle similar to a square? **Choose all that apply.**

- ☐ Both have all four sides that are the same length.
- ☐ Both have two pairs of sides the same length.
- ☐ Both have two pairs of sides that are parallel.
- ☐ Both have four right angles.

Correct Answer

Both have two pairs of sides the same length.
Both have two pairs of sides that are parallel.
Both have four right angles.

Answer Key with Questions

EOT-3_2023_Genral_Part-2_Practice Questions

40) Choose the correct answer.

How is a trapezoid similar to a rectangle?

- ☐ Both have two pairs of parallel sides.
- ☐ Both have two pairs of sides that are the same length.
- ☐ Both have four right angles.
- ☐ Both have four sides.

Correct Answer

Both have four sides.

41) Fill in the blanks using the available answer choices.

Compare the expressions. Choose $>$, $<$, or $=$.

$$60 \div 10 \quad \underline{\hspace{2cm}} \quad (60 \div 10) + 7$$

(Blank 1)

Blank 1 options

- $>$
- $<$
- $=$

Correct Answer

$<$

Answer Key with Questions

EOT-3_2023_Genral_Part-2_Practice Questions

42) Fill in the blanks using the available answer choices.

Compare the expressions. Choose $>$, $<$, or $=$.

$$40 \times 6.5 \quad \underline{\hspace{2cm}} \quad (40 - 8) \times 6.5$$

(Blank 1)

Blank 1 options

- $>$
- $<$
- $=$

Correct Answer

$>$

43) Fill in the blanks using the available answer choices.

Compare the expressions. Choose $>$, $<$, or $=$.

$$5 \times (4 + 3\frac{1}{2}) \quad \underline{\hspace{2cm}} \quad (5 \times 4) + (5 \times 3\frac{1}{2})$$

(Blank 1)

Blank 1 options

- $>$
- $<$
- $=$

Correct Answer

$=$

Answer Key with Questions

EOT-3_2023_Genral_Part-2_Practice Questions

44) Fill in the blanks using the available answer choices.

Compare the expressions. Choose $>$, $<$, or $=$.

$$(20 \times 15) - 42 \quad \underline{\hspace{2cm}} \quad 20 \times 15$$

(Blank 1)

Blank 1 options

- $>$
- $<$
- $=$

Correct Answer

$<$

45) Choose the correct answer.

How does the value of the first numerical expression compare to the value of the second numerical expression?

$$512 + 259 \text{ and } (512 + 259) \times 3$$

- ☐ The first expression is 3 less than the second expression.
- ☐ The first expression is 3 times the second expression.
- ☐ The second expression is 3 more than the first expression.
- ☐ The second expression is 3 times the first expression.

Correct Answer

The second expression is 3 times the first expression.

Answer Key with Questions

EOT-3_2023_Genral_Part-2_Practice Questions

46) Choose the correct answer.

How does the value of the first numerical expression compare to the value of the second numerical expression?

$(28 \times 43) + 12$ and 28×43

- ☐ The first expression is 12 more than the second expression.
- ☐ The first expression is 12 times the second expression.
- ☐ The second expression is 12 more than the first expression.
- ☐ The second expression is 12 times the first expression.

Correct Answer

The first expression is 12 more than the second expression.

47) Choose the correct answer.

How does the value of the first numerical expression compare to the value of the second numerical expression?

$(36 \div 4) - 3$ and $36 \div 4$

- ☐ The first expression is 3 less than the second expression.
- ☐ The first expression is 3 times the second expression.
- ☐ The second expression is 3 less than the first expression.
- ☐ The second expression is 3 times the first expression.

Correct Answer

The first expression is 3 less than the second expression.

Answer Key with Questions

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48) Choose the correct answer.

Which of the following describes the numerical expression $(11 \times 9) + 5$?

- ☐ the product of 9 and 5, then add 11
- ☐ the product of 11 and 9, then add 5
- ☐ the sum of 5 and 9, then add 11
- ☐ the sum of 11 and 9, then add 5

Correct Answer

the product of 11 and 9, then add 5

49) Choose the correct answer.

Look at the numeric patterns for Erika and Leo.

Number of apples in Erika's basket each minute: 0, 4, 8, 12, 16, 20

Number of apples in Leo's basket each minute: 0, 8, 16, 24, 32, 40

What is the rule for the number of apples in Erika's basket?

- ☐ add 2
- ☐ add 4
- ☐ add 8
- ☐ add 16

Correct Answer

add 4

Answer Key with Questions

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50) Choose the correct answer.

What is the rule for the number of apples in Leo's basket?

- ☐ add 2
- ☐ add 4
- ☐ add 8
- ☐ add 16

Correct Answer

add 8

51) Choose the correct answer.

Look at the numeric patterns for Erika and Leo.

Number of apples in Erika's basket each minute: 0, 4, 8, 12, 16, 20

Number of apples in Leo's basket each minute: 0, 8, 16, 24, 32, 40

What is relationship between corresponding terms in the two patterns?

- ☐ The number of apples in Leo's basket is 2 more than the number of apples in Erika's basket.
- ☐ The number of apples in Erika's basket is 2 more than the number of apples in Leo's basket.
- ☐ The number of apples in Leo's basket is 2 times the number of apples in Erika's basket.
- ☐ The number of apples in Erika's basket is 2 times the number of apples in Leo's basket.

Correct Answer

The number of apples in Leo's basket is 2 times the number of apples in Erika's basket.

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52) Enter the answer.

When Leo has 48 apples in his basket, how many apples will Erika have in her basket?

_____ apples

Correct Answer

Blank 1: 24, twenty-four, **or** twenty four

53) Enter the answers.

What are the first five terms of a numerical pattern that starts at 0 and follows the rule Add 3?

_____, _____, _____,
_____, _____

What are the first five terms of a numerical pattern that starts at 0 and follows the rule Add 6?

_____, _____, _____,
_____, _____

Correct Answer

Blank 1: 0

Blank 2: 3

Blank 3: 6

Blank 4: 9

Blank 5: 12

Blank 6: 0

Blank 7: 6

Blank 8: 12

Blank 9: 18

Blank 10: 24

Answer Key with Questions

EOT-3_2023_Genral_Part-2_Practice Questions

54) Choose the correct answer.

Compare the numerical patterns. What is the relationship between corresponding terms in the two patterns?

- ☐ The terms in the first pattern are 2 times the terms in the second pattern.
- ☐ The terms in the first pattern are 3 less than the terms in the second pattern.
- ☐ The terms in the second pattern are 2 times the terms in the first pattern.
- ☐ The terms in the second pattern are 3 times the terms in the first pattern.

Correct Answer

The terms in the second pattern are 2 times the terms in the first pattern.

55) Choose the correct answer.

Rodney counts the value of his pennies. Diane counts the value of her nickels. They both start with 0 coins worth 0 cents. Look at the numeric patterns for Rodney and Diane.

Value of Rodney's pennies: 0, 1, 2, 3, 4, 5, 6

Value of Diane's nickels: 0, 5, 10, 15, 20, 25, 30

What is the rule for Rodney's pattern?

- ☐ add 1
- ☐ multiply by 1
- ☐ add 2
- ☐ multiply by 2

Correct Answer

add 1

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56) Choose the correct answer.

What is the rule for Diane's pattern?

- ☐ add 2
- ☐ add 3
- ☐ add 4
- ☐ add 5

Correct Answer

add 5

57) Enter the answer.

Rodney counts the value of his pennies. Diane counts the value of her nickels. They both start with 0 coins worth 0 cents. Look at the numeric patterns for Rodney and Diane.

Value of Rodney's pennies: 0, 1, 2, 3, 4, 5, 6

Value of Diane's nickels: 0, 5, 10, 15, 20, 25, 30

What are the next three numbers in Rodney's pattern?

_____, _____, _____

What are the next three numbers in Diane's pattern?

_____, _____, _____

Correct Answer

Blank 1: 7

Blank 2: 8

Blank 3: 9

Blank 4: 35

Blank 5: 40

Blank 6: 45

Answer Key with Questions

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58) Choose the correct answer.

Compare the numerical patterns. What is the relationship between corresponding terms in the two patterns?

- ☐ The value of Rodney's coins is 2 times the value of Diane's coins.
- ☐ The value of Rodney's coins is 5 times the value of Diane's coins.
- ☐ The value of Diane's coins is 2 times the value of Rodney's coins.
- ☐ The value of Diane's coins is 5 times the value of Rodney's coins.

Correct Answer

The value of Diane's coins is 5 times the value of Rodney's coins.

59) Enter the answer.

Rodney counts the value of his pennies. Diane counts the value of her nickels. They both start with 0 coins worth 0 cents. Look at the numeric patterns for Rodney and Diane.

Value of Rodney's pennies: 0, 1, 2, 3, 4, 5, 6

Value of Diane's nickels: 0, 5, 10, 15, 20, 25, 30

When Diane has 40 cents, what will be the value of Rodney's coins?

_____ cents

Correct Answer

Blank 1: 8 or eight

60) Enter the answer.

When Rodney has 10 cents, what will be the value of Diane's coins?

_____ cents

Correct Answer

Blank 1: 50 or fifty

Answer Key with Questions

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