

STAAR Spring 2026 Grade 6 Mathematics Answer Key

Item Position	Item Type	TEKS Assessed	Maximum Number of Points	Correct Answer(s)	Reporting Category	Readiness or Supporting
1	Multiple Choice	6.4.13.A	1	A	4	Readiness
2	Inline Choice	6.3.4.H	2	5, 80 See Appendix 1.1	3	Readiness
3	Multiple Choice	6.2.10.A	1	C	2	Readiness
4	Multiple Choice	6.1.2.D	1	B	1	Readiness
5	Multiple Choice	6.4.14.C	1	B	4	Supporting
6	Drag and Drop	6.2.4.A	2	$y = x + 12$, $y = \frac{2}{10}x$ See Appendix 1.2	2	Supporting
7	Multiple Choice	6.4.14.H	1	C	4	Supporting
8	Multiple Choice	6.2.3.E	1	A	2	Readiness
9	Multiple Choice	6.3.8.A	1	C	3	Supporting
10	Match Table Grid	6.1.7.B	2	Equation, Expression, Expression, Equation See Appendix 1.3	1	Supporting
11	Multiple Choice	6.2.6.A	1	B	2	Supporting
12	Multiple Choice	6.4.12.C	1	A	4	Readiness
13	Multiple Choice	6.2.9.C	1	D	2	Supporting
14	Drag and Drop	6.1.7.A	1	3, 7, 2 See Appendix 1.4	1	Readiness
15	Multiple Choice	6.2.3.B	1	A	2	Supporting
16	Multiselect	6.4.13.A	2	First option, Second option See Appendix 1.5	4	Readiness
17	Multiple Choice	6.3.8.D	1	D	3	Readiness

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18	Multiple Choice	6.1.7.C	1	C	1	Supporting
19	Multiple Choice	6.2.3.C	1	D	2	Supporting
20	Inline Choice	6.1.4.D	1	number of miles, divided by, amount of time or any equivalent answer See Appendix 1.6	1	Supporting
21	Multiple Choice	6.2.3.D	1	D	2	Readiness
22	Hot Spot	6.3.8.B	2	top left, middle See Appendix 1.7	3	Supporting
23	Multiple Choice	6.4.14.E	1	D	4	Supporting
24	Multiple Choice	6.2.5.B	1	A	2	Readiness
25	Multiple Choice	6.3.11.A	1	A	3	Readiness
26	Hot Spot	6.2.9.B	1	125 See Appendix 1.8	2	Supporting
27	Multiple Choice	6.1.5.C	1	A	1	Supporting
28	Multiple Choice	6.2.4.B	1	B	2	Readiness
29	Inline Choice	6.4.12.D	2	32, grape See Appendix 1.9	4	Readiness
30	Multiple Choice	6.1.7.D	1	D	1	Readiness
31	Equation Editor	6.2.10.A	1	$11\frac{1}{2}$ or any equivalent value See Appendix 1.10	2	Readiness
32	Hot Spot	6.3.8.D	2	top middle, bottom left See Appendix 1.11	3	Readiness
33	Multiple Choice	6.1.4.G	1	D	1	Readiness
34	Drag and Drop	6.2.9.A	1	x, 20, 75 or any equivalent	2	Supporting

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				value See Appendix 1.12		
35	Multiple Choice	6.4.12.C	1	B	4	Readiness
36	Multiple Choice	6.2.6.C	1	C	2	Readiness

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Appendix

1.1

Andrew has 20 quarts of water. How many gallons is this, and how many cups is this?

Choose the correct answer from each drop-down menu to complete the statements.

20 qt = gal

20 qt = c

1.2

Which equation correctly completes each statement?

Move the correct answer to each box. Not all answers will be used.

$y = 12x$	$y = x + 12$	$y = \frac{2}{10}x$	$y = x + \frac{2}{10}$	$\frac{2}{10}y = x$
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The value of y in is 12 more than the value of x .

The value of y in is $\frac{2}{10}$ of the value of x .

1.3

Determine whether each statement can be written as an expression or as an equation.

Select the correct answer in each row.

Statement	Expression	Equation
Three plus w is 7.	☐	☒
Eight times w .	☒	☐
Eighteen divided by w plus 6.1.	☒	☐
One hundred is twice w .	☐	☒

1.4

What is the prime factorization of 392?

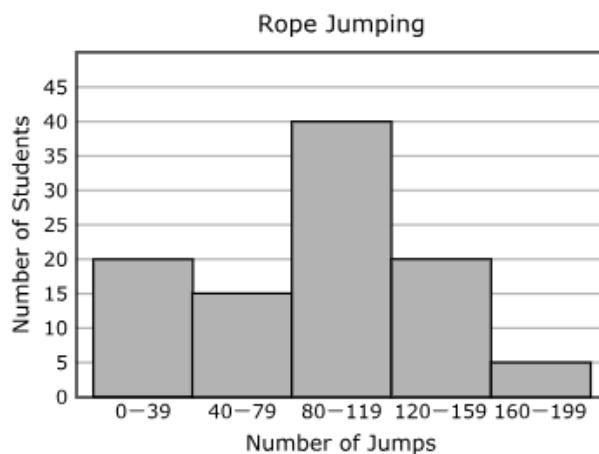
Move the correct answer to each box. Not all answers will be used.

2	3	4	7	14
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$$2^3 \cdot 7^2$$

1.5

Students in the sixth grade each jumped rope for one minute. Mr. Watson recorded the number of jumps each student made. The histogram shows the data he recorded.



Based on the information in the histogram, which statements are true?

Select **TWO** correct answers.

- ☒ A total of 100 students jumped rope.
- ☒ More students jumped 79 times or fewer than jumped 120 times or more.
- ☐ Twice as many students jumped 0 to 39 times as jumped 80 to 119 times.
- ☐ A total of 20 students jumped 120 times or more.
- ☐ More students jumped 120 to 159 times than jumped 0 to 39 times.

1.6

A train is traveling at a constant speed for 3.5 hours. The total distance traveled by the train is 227.5 miles.

What is a method of determining the rate at which the train is traveling?

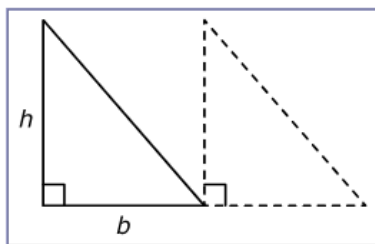
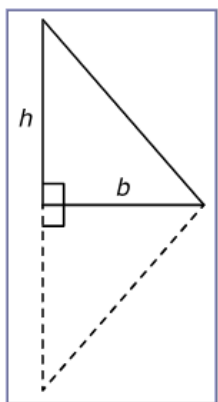
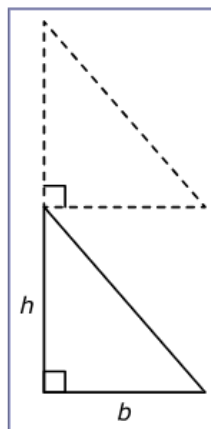
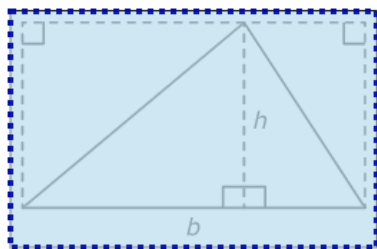
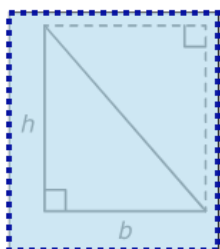
Choose the correct answer from each drop-down menu to complete the sentence.

To find the rate at which the train is traveling, the should be the .

1.7

Which models can be used to justify the formula for the area of a triangle?

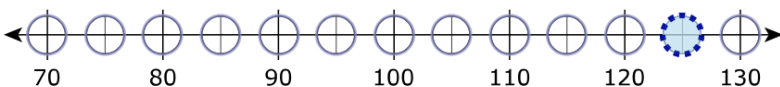
Select **TWO** correct answers.



1.8

Owen swims 0.8 kilometer each morning. The number of days, d , it will take him to swim a total of 100 kilometers can be determined by the equation $0.8d = 100$.

Select the point on the number line that represents the solution to this equation.



1.9

A group of 80 students were asked to choose their favorite flavor of juice. The results are shown in the frequency table.

Favorite Juice Flavor

Flavor	Relative Frequency
Apple	0.25
Grape	0.40
Orange	0.15
Pineapple	0.15
Other	0.05

Complete the statements so that they are true.

Choose the correct answer from each drop-down menu to complete the statement.

Of the 80 students surveyed, students chose apple or orange as their favorite flavor.

The flavor of juice that represents the mode is .

1.10

Aaron has two packages to ship. The combined weight of the packages must be less than $26\frac{1}{2}$ pounds. One of the packages weighs 15 pounds.

Complete the inequality that represents x , all the possible weights of the second package.

Enter your answer in the space provided.

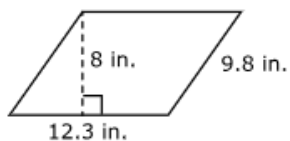
$$x < 11\frac{1}{2}$$

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

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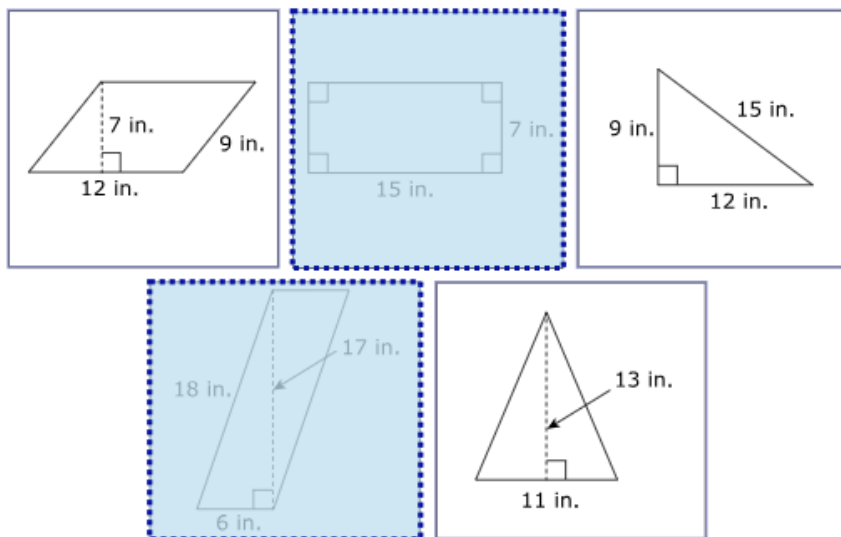
1.11

Jeremy drew this parallelogram in his math notebook. The measurements are in inches.



Which shapes below each have an area in square inches that is greater than the area of Jeremy's shape?

Select **TWO** correct answers.



1.12

Emilio needs at least 75 points to win a game. He has only 20 points.

Complete the inequality to represent all possible values of x , the number of additional points Emilio could earn to win the game.

Move the correct answer to each box.

x 20 75
 $x + 20 \geq 75$