

STAAR Spring 2026 Grade 7 Mathematics Answer Key

Item Position	Item Type	TEKS Assessed	Maximum Number of Points	Correct Answer(s)	Reporting Category	Readiness or Supporting
1	Multiple Choice	7.3.5.C	1	A	3	Readiness
2	Inline Choice	7.2.4.D	2	11.2, 75 See Appendix 1.1	2	Readiness
3	Multiple Choice	7.1.6.I	1	B	1	Readiness
4	Equation Editor	7.2.4.C	1	2.5 or any equivalent value See Appendix 1.2	2	Supporting
5	Multiple Choice	7.3.4.E	1	C	3	Supporting
6	Multiselect	7.1.6.D	2	First option, Third option See Appendix 1.3	1	Supporting
7	Multiple Choice	7.4.6.G	1	D	4	Readiness
8	Multiple Choice	7.2.11.A	1	A	2	Readiness
9	Multiple Choice	7.3.9.B	1	B	3	Readiness
10	Graphing	7.2.4.A	1	points (0, 0) and (2, 50) or any points on the line $y = 25x$ See Appendix 1.4	2	Readiness
11	Multiple Choice	7.3.9.A	1	A	3	Readiness
12	Multiple Choice	7.1.6.H	1	C	1	Readiness
13	Multiple Choice	7.2.3.B	1	A	2	Readiness
14	Multiple Choice	7.3.9.C	1	B	3	Readiness
15	Multiple Choice	7.2.10.C	1	C	2	Supporting
16	Multiple Choice	7.4.12.A	1	D	4	Readiness

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17	Multiple Choice	7.2.4.A	1	A	2	Readiness
18	Multiple Choice	7.1.6.A	1	D	1	Supporting
19	Multiple Choice	7.4.6.G	1	C	4	Readiness
20	Drag and Drop	7.3.9.B	2	9π , 6π See Appendix 1.5	3	Readiness
21	Multiple Choice	7.4.12.C	1	A	4	Supporting
22	Multiple Choice	7.2.7.A	1	D	2	Readiness
23	Multiple Choice	7.3.11.C	1	A	3	Supporting
24	Multiple Choice	7.4.13.A	1	C	4	Supporting
25	Drag and Drop	7.2.11.A	2	2, 70, 84, 7 See Appendix 1.6	2	Readiness
26	Multiple Choice	7.3.5.C	1	B	3	Readiness
27	Number Line	7.2.10.B	2	open circle at -2, shaded to the left See Appendix 1.7	2	Supporting
28	Multiple Choice	7.3.9.A	1	C	3	Readiness
29	Multiple Choice	7.2.3.B	1	D	2	Readiness
30	Multiselect	7.3.5.A	2	Second option, Fifth option See Appendix 1.8	3	Supporting
31	Multiple Choice	7.2.4.D	1	D	2	Readiness
32	Multiple Choice	7.4.13.D	1	B	4	Supporting
33	Inline Choice	7.1.6.H	2	$\frac{3}{2}$ as, equal to See Appendix 1.9	1	Readiness
34	Multiple Choice	7.2.11.B	1	A	2	Supporting
35	Match Table Grid	7.4.12.A	2	Week 1 Is Less Than Week 2, Week 1 Is Equal to Week 2, Week 1 Is	4	Readiness

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				Less Than Week 2 See Appendix 1.10		
36	Multiple Choice	7.2.7.A	1	D	2	Readiness
37	Multiple Choice	7.3.9.C	1	C	3	Readiness
38	Multiple Choice	7.1.6.I	1	D	1	Readiness

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Appendix****1.1**

Shawn rides his bicycle 5.6 miles in 30 minutes. Complete the sentences to create true statements.

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

At this rate, Shawn rides miles in 60 minutes.

At this rate, Shawn rides 14 miles in minutes.

1.2

The cost of 5 carnival tickets is \$12.50. What is the constant of proportionality that relates the cost of the carnival tickets in dollars, y , to the number of carnival tickets purchased, x ?

Enter your answer in the box.

←

→

↶

↷

✖

✓

1	2	3
4	5	6
7	8	9
	0	
.	-	$\frac{\Box}{\Box}$

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1.3

The principal of a school ordered a box of cookies for the teachers. The box contains these cookies:

- 18 sugar cookies
- 12 oatmeal cookies
- 36 chocolate chip cookies
- 6 gingerbread cookies

A cookie will be randomly selected for each teacher who enters the lunchroom. During the first lunch period, 24 teachers will each receive a cookie.

Based on this information, which statements are the best predictions?

Select **TWO** correct answers.

☒ Of the cookies received during the first lunch period, 10 will be sugar cookies or oatmeal cookies.

☐ Of the cookies received during the first lunch period, 18 will be chocolate chip cookies.

☒ Of the cookies received during the first lunch period, 2 will be gingerbread cookies.

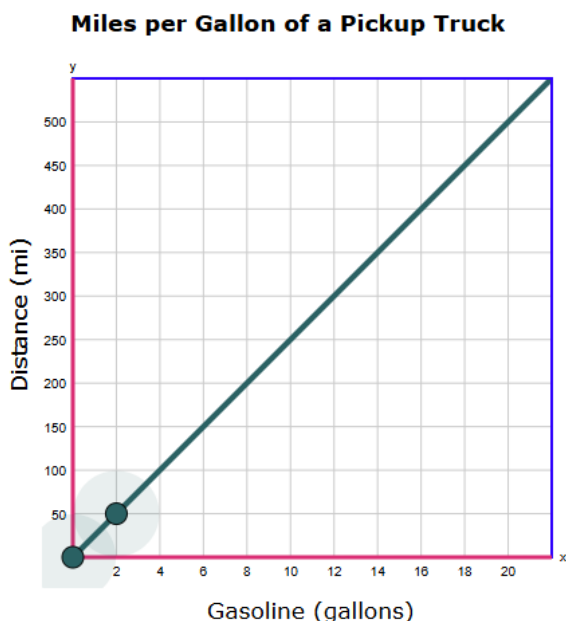
☐ Of the cookies received during the first lunch period, 18 will be oatmeal cookies or gingerbread cookies.

☐ Of the cookies received during the first lunch period, half will be oatmeal cookies.

1.4

A pickup truck can travel 750 miles on 30 gallons of gasoline. Create a graph to represent y , the number of miles the truck can travel on x gallons of gasoline.

Select two points on the coordinate grid. A line will connect the points.

**1.5**

A circular tablecloth has a diameter of 6 feet. Find the area of the tablecloth in square feet and its circumference in feet, in terms of π .

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

3π 6π 9π 12π 18π 24π 36π

Area = 9π ft^2

Circumference = 6π ft

1.6

A gardener is filling a pond using a 2-gallon bucket. The pond contains 70 gallons of water. The pond will contain 84 gallons of water when full.

Complete and solve the equation to determine the number of full buckets needed to fill the pond.

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

70 84 2 14 7

$$2 \times + 70 = 84$$

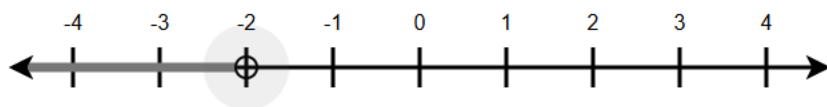
The gardener needs 7 more full buckets to fill the pond.

1.7

Create a number line that represents the solution to the inequality shown.

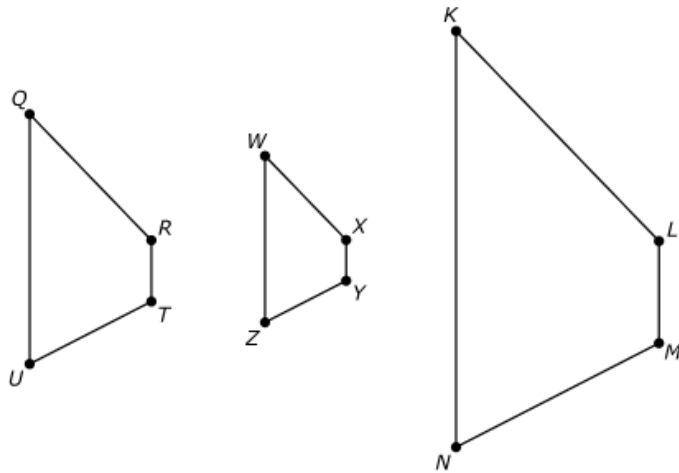
$$-6x + 8 > 20$$

Select a ray. Move the point on the ray to the correct place on the number line.



1.8

Figure $QRTU$, figure $WXYZ$, and figure $KLMN$ are similar to one another.



Which statements about the figures are true?

Select **TWO** correct answers.

☐ $\frac{QR}{KL} = \frac{RT}{KN}$

☒ Angle Y is congruent to angle M and angle T .

☐ Segment QU is congruent to segment WZ and segment KN .

☐ Angle K is congruent to angle W and angle R .

☒ $\frac{QR}{WX} = \frac{TU}{YZ}$

1.9

Chris randomly surveyed 30 classmates about the number of hours they slept last night. The results are shown in the table.

Time Slept Last Night	
Number of Hours Slept	Number of Classmates
Less than 5 hours	6
Between 5 hours and 8 hours	15
More than 8 hours	9

Based on the information, complete the sentences to create true statements about the next classmate that Chris surveys.

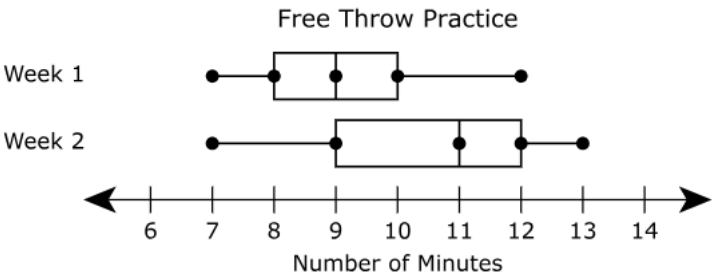
Choose the correct answer from each drop-down menu to complete the statements.

The classmate is $\frac{3}{2}$ as likely to have slept more than 8 hours as to have slept less than 5 hours.

The likelihood that the classmate slept between 5 hours and 8 hours is equal to the likelihood that the classmate slept either less than 5 hours or more than 8 hours.

1.10

The box plots show the numbers of minutes Juliette spent practicing her free throws during each of two weeks.



Determine whether each measure for Week 1 is less than, equal to, or greater than the corresponding measure for Week 2.

Select the correct answer in each row.

Data Measure	Week 1 Is Less Than Week 2	Week 1 Is Equal to Week 2	Week 1 Is Greater Than Week 2
Median	☒	☐	☐
Minimum	☐	☒	☐
Interquartile range	☒	☐	☐