STAAR Spring 2025 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	7.1.6.H	1	C	1	Readiness
2	Drag and Drop	7.2.4.B	2	divide, 15, 12, 1.25 See Appendix 1.1	2	Supporting
3	Multiple Choice	7.1.2.A	1	D	1	Supporting
4	Multiple Choice	7.2.4.A	1	C	2	Readiness
5	Multiple Choice	7.3.9.A	1	D	3	Readiness
6	Inline Choice	7.1.6.D	2	15 times, 75 times See Appendix 1.2	1	Supporting
7	Multiple Choice	7.2.4.D	1	C	2	Readiness
8	Drag and Drop	7.3.9.B	2	314, 63 See Appendix 1.3	3	Readiness
9	Multiple Choice	7.2.7.A	1	A	2	Readiness
10	Hot Spot	7.3.5.C	1	Houston See Appendix 1.4	3	Readiness
11	Multiple Choice	7.2.3.B	1	D	2	Readiness
12	Equation Editor	7.3.9.C	1	60 See Appendix 1.5	3	Readiness
13	Multiple Choice	7.1.6.I	1	B	1	Readiness
14	Drag and Drop	7.3.5.B	1	188.4, 60 See Appendix 1.6	3	Supporting
15	Multiple Choice	7.4.6.G	1	D	4	Readiness
16	Multiple Choice	7.2.11.A	1	D	2	Readiness
17	Multiple Choice	7.4.12.A	1	B	4	Readiness
18	Multiple Choice	7.3.11.C	1	A	3	Supporting
19	Multiple Choice	7.1.6.H	1	B	1	Readiness
20	Multiple Choice	7.3.5.C	1	D	3	Readiness
21	Inline Choice	7.2.7.A	2	3, 5 See Appendix 1.7	2	Readiness
22	Multiple Choice	7.3.9.C	1	B	3	Readiness

23	Multiple Choice	7.2.3.A	1	A	2	Supporting
24	Multiple Choice	7.1.6.I	1	A	1	Readiness
25	Number Line	7.2.10.B	2	Open endpoint on 9 and arrow to the right See Appendix 1.8	2	Supporting
26	Multiple Choice	7.3.9.A	1	C	3	Readiness
27	Drag and Drop	7.4.13.B	2	more than, exactly See Appendix 1.9	4	Supporting
28	Multiple Choice	7.2.10.A	1	A	2	Supporting
29	Multiple Choice	7.3.9.B	1	B	3	Readiness
30	Multiple Choice	7.4.6.G	1	C	4	Readiness
31	Multiple Choice	7.2.4.A	1	A	2	Readiness
32	Multiple Choice	7.3.5.A	1	B	3	Supporting
33	Multiple Choice	7.2.11.A	1	A	2	Readiness
34	Inline Choice	7.4.12.A	2	Team P, mode See Appendix 1.10	4	Readiness
35	Multiple Choice	7.3.9.D	1	A	3	Supporting
36	Multiple Choice	7.2.3.B	1	C	2	Readiness
37	Drag and Drop	7.3.4.E	2	$\frac{55}{60}$, 110 See Appendix 1.11	3	Supporting
38	Multiple Choice	7.2.4.D	1	B	2	Readiness

STAAR Spring 2025 Grade 7 Mathematics Appendix

1.1

A store sells 12 pairs of socks for $15. What is the price per pair of socks?

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

divide | multiply | 0.80 | 1.25 | 12 | 15

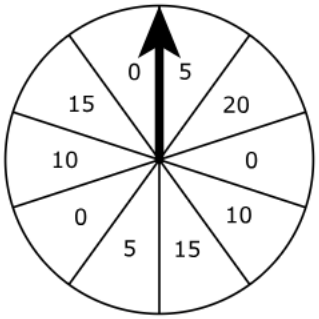
To calculate the price per pair of socks, [divide] the number [15] by the number [12].

The price is $ [1.25] per pair of socks.

1.2

The spinner shown is divided into 10 sections of equal size:

- Each section contains a number.
- The arrow is spun 150 times during a game.



Complete the sentences to best predict the results of the spins during the game.

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

The arrow will land on 20 about [15 times] .

The arrow will land on either 0 or 5 about [75 times] .

1.3

A circular sign has a diameter of 20 inches. Determine the measurements that are closest to the area of the sign in square inches and the circumference of the sign in inches.

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

31 | 63 | 126 | 314 | 628 | 1,256

Area of sign: [314] $in.^2$

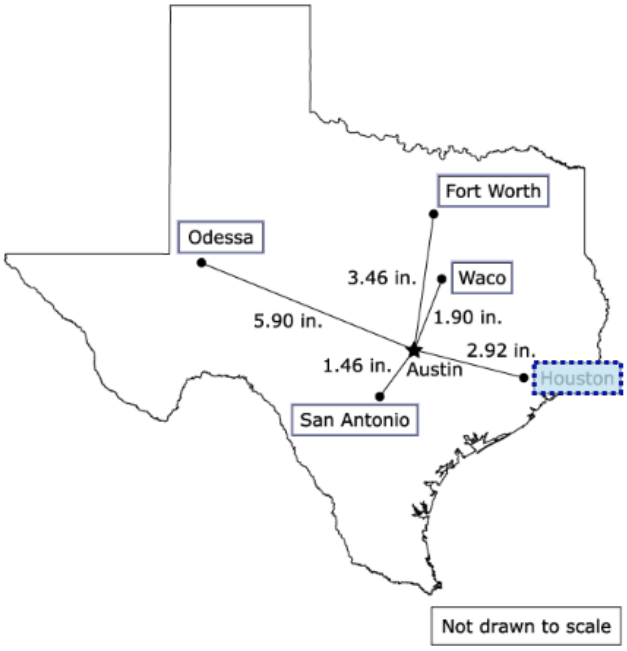
Circumference of sign: [63] in.

1.4

Leila lives in Austin and visited another city in Texas that is 146 miles away. The map shown uses a scale where 0.5 inch represents 25 miles.

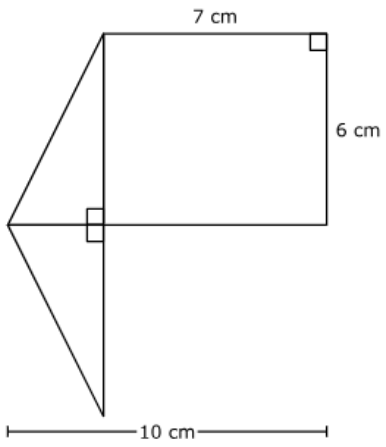
Use the map to select the name of the city that Leila visited.

Select **ONE** correct answer.



1.5

A composite figure consists of 2 congruent right triangles and a rectangle. The figure and its dimensions in centimeters are shown.



What is the area of the figure in square centimeters?

Enter your answer in the box provided.

60 cm^2

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

1.6

A circular pool has a radius of 30 feet and a circumference of approximately 188.4 feet. Complete the sentence to best represent π.

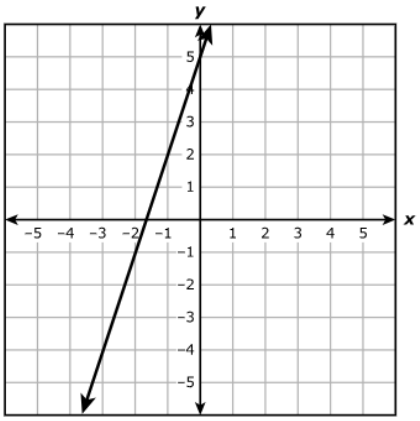
Move the correct answer to each box. Not all answers will be used.

30 60 188.4 900 3,600

The value of π is approximately 188.4 divided by 60.

1.7

A relationship between x and y is shown on the graph.



Complete the equation that best describes the relationship between x and y.

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

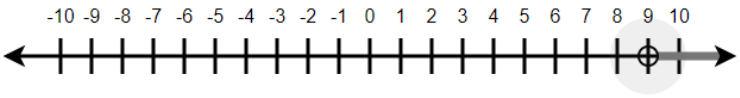
$y =$ 3 $x +$ 5

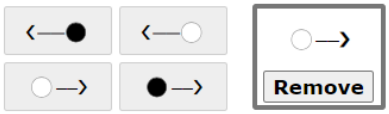
1.8

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

$$-6k + 6 < -48$$

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





1.9

Roberto's monthly budget is shown in the table.

Roberto's Monthly Budget

Category	Percentage
Savings	8%
Rent	24%
Car expenses	15%
Utilities	12%
Insurance	10%
Cell phone/internet	8%
Groceries	5%
Miscellaneous	18%

Roberto's total monthly income is $5,000. Complete the statement about Roberto's budget.

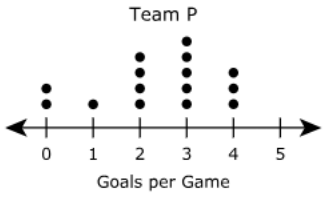
Move the correct answer to each box. Each answer may be used more than once.

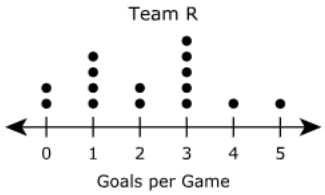
less than | exactly | more than

Roberto spends [more than] $1,000 on rent each month and [exactly] $500 on insurance each month.

1.10

The dot plots show the number of goals scored in each game of the season by two soccer teams.





Each ● represents 1 game.

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

The median is greater for [Team P].

The [mode] is the same for the two sets of numbers.

1.11

The length of a football field is 120 yards. There are approximately 55 meters in 60 yards.

Complete the sentences to create true statements about the measurement closest to the length of a football field in meters.

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

$\frac{60}{120}$ $\frac{55}{60}$ $\frac{60}{55}$ $\frac{120}{60}$ 60 110 131 240

To find x, the approximate length of a football field in meters, solve the proportion $\frac{x}{120} = \boxed{\frac{55}{60}}$.

The length of a football field is approximately [110] meters.