Number System Maze

Use your answers to navigate through the maze.

START! Opposite: 9	GCF of 15 and 20	60 - 43.6	3.96 ÷ 1.32
	-16	5	16.4

9   -9   4   5.562   23.6   103.6   3

54.67 - 35.65	5.4 x 1.03	Absolute Value of: -73	⅜ ÷ ¾
	18.02	-73	½

14.02   55.62   4.37   5.616   73   ⅜

8 ÷ 2 ⅛	1.546 + 2.07	122.32 ÷ 11	Which Quadrant? (2, -6)
	3.616	11.12	11

$3\frac{14}{17}$ $3\frac{4}{17}$ 3.553   6   1,112   12.4   4

Opposite: -3	GCF of 36 and 24	Which Quadrant? (-1, 4)	**END!** ★
	3	12	2
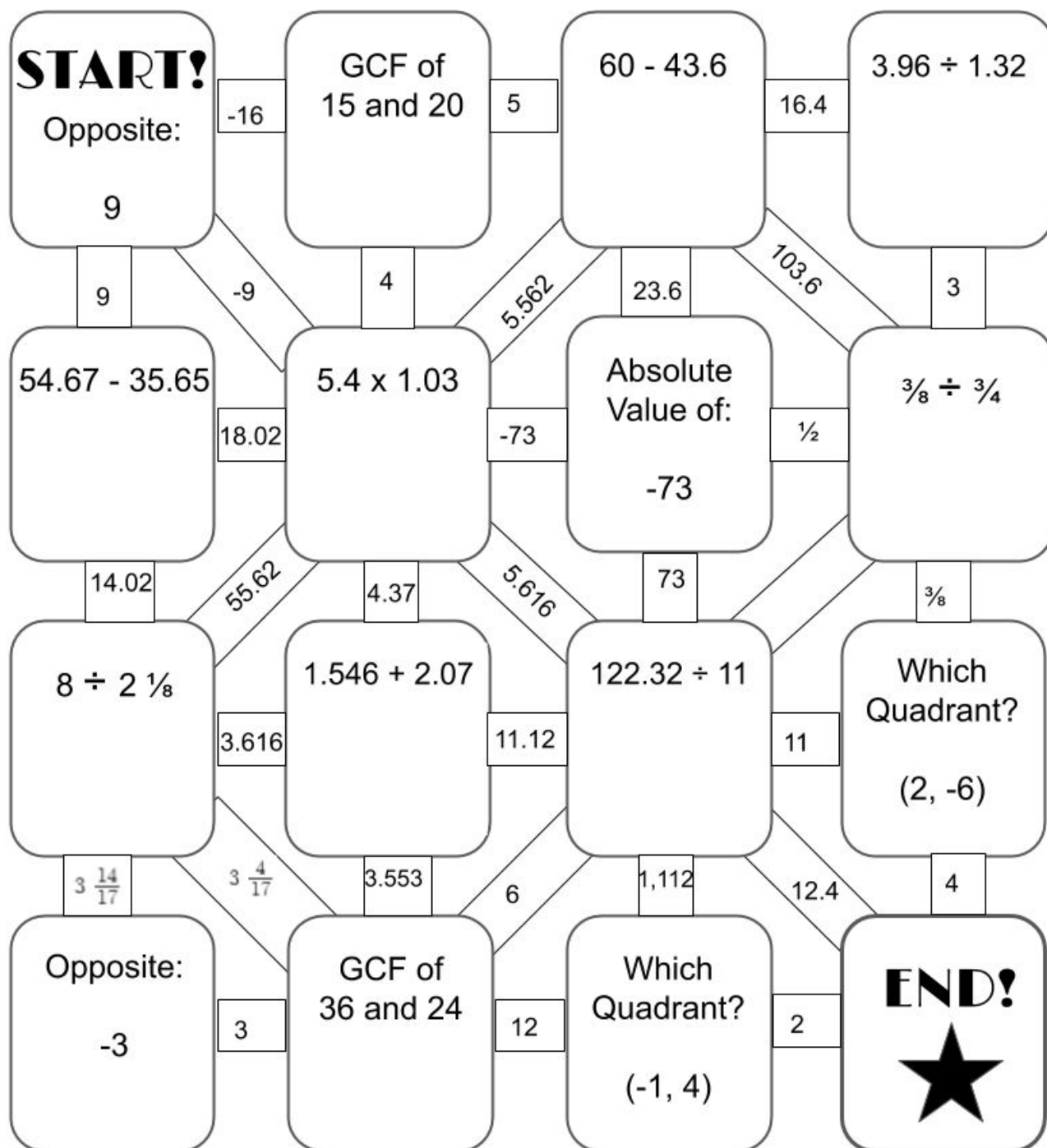
Equations & Expressions Riddle

Directions: Solve for the variable. Then write the letter above the line that the answer corresponds to.

Where do sheep go to get their haircut?

_____ _____ _____   _____ _____ _____
23   8   5   81   7   6

_____ _____ _____   _____ _____ _____ _____
86   44   6   40   14   16   18

B	**A**	**O**	**P**
$(36 \div 4) \times 3^2$	Solve for x. $14 + x = 21$	Solve for x. $9x = 144$	If g = 6 and b = 3, solve $7g - (8 \times b)$
H Solve for x. $8x = 64$	**S** $18 + (5^2 - 14) \times 2$	**A** $(48 \div 4) + (2 \times 4^2)$	**E** What is the missing value? $p + 4p - f$ can be simplified into ☐ p - f.
T If e = 4 and f = 6, solve $5e + (18 \div f)$	**A** What is the missing value? $8a + b - 2a$ can be simplified into ☐ a + b.	**B** Solve for x. $X - 34 = 52$	**H** Solve for x. $X + 18 = 32$

Directions: Use the following information on the sketch below to answer the corresponding questions.
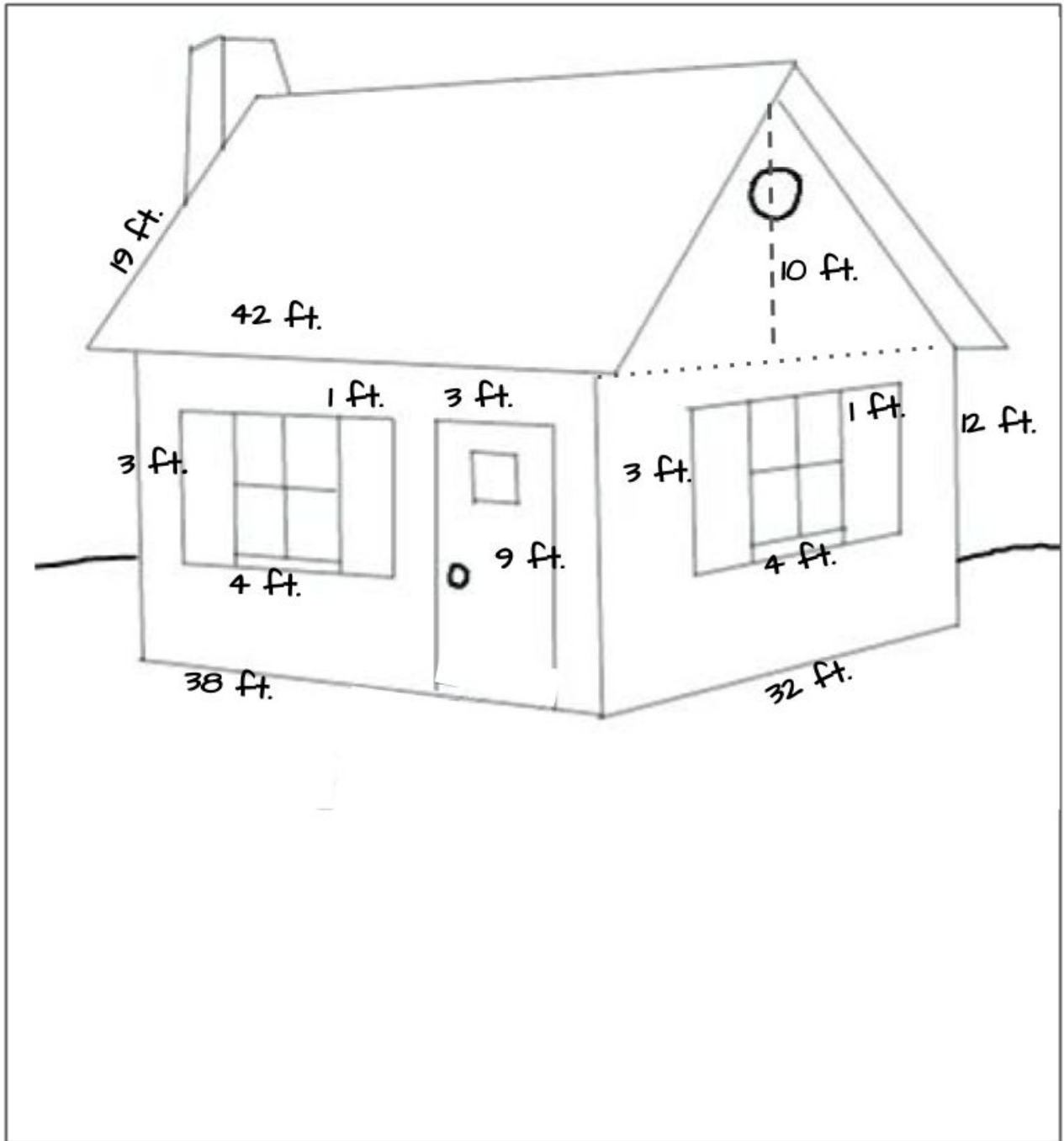
Directions: Complete the table below. Determine the surface areas for all parts of the house.

Parts of House	Sketch	Measurements	Surface Area
Window (just draw one)			
Front Door			
Roof			
Base (Floor plan of home)			
Outside Wall:			

What would the surface area of the front wall be without the window and door?

What is Your City & State?

Locate your city and state on the map below. (mark with a star)

Record the high temperature for the next 10 days.

Date	Temp	Date	Temp	Date	Temp

Complete each box with the data from the dataset.

MODE:

RANGE:

Identify the median, quartiles and IQR of the data set.

MEAN:

MEAN ABSOLUTE DEVIATION:

Create a line plot with the data from the data set. Identify any peaks, gaps, clusters, and outliers.

$\longleftarrow$ $\longrightarrow$

<u>Directions:</u> Solve each problem and then find the answer on the coloring sheet. Color it with the given color in the box.

1. If a 24-oz bottle of Pepsi costs $2.16, what is the cost per ounce? Color this answer red.	2. Find the value of x in the given proportion. $$\frac{5}{9} = \frac{x}{54}$$ Color this answer light blue.
6. Samantha bought 4 shirts for $36.00. At this rate, how much would she pay for 7 shirts? Color this answer purple.	7. An 8-lb bag of oranges cost $5.12. What is the cost per pound? Color this answer a color of your choice!
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0.09

21:35

0.09

21:35

0.09

63

0.64

63

0.64

30
40

26.25

30

26.25

0.08

63

0.64

30

4:28

63

21:35

0.68

63

21:35

26.25

0.68

0.68

26.25

0.64

63

26.25

21:35

63

0.64

30
40

26.25

0.08

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63

0.64

30

4:28

63

0.64

63

21:35

0.09

21:35

0.09

0.09