

Self Check Sheet

Solve each problem. Be sure to show all work!	ANSWER
<p>The ratio of dogs to cats is 2 to 5. If there are 30 more cats than dogs, how many dogs are there? (Hint: Use a tape diagram)</p>	20 Dogs
<p>In January $\frac{2}{3}$ of the days were sunny and the rest were cloudy. If there were 20 sunny days in the month, how many were cloudy?</p>	10 cloudy days
<p>Max has red and blue trucks. He owns a total of 50 trucks and 15 of them are red. What is the ratio of blue trucks to red trucks?</p>	7:3

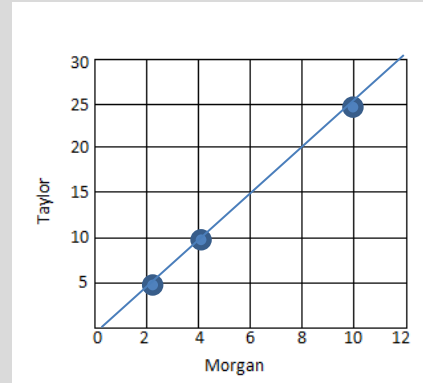
For every \$2 that Morgan saves, Taylor saves \$5. Complete the table of values for the given scenario and then graph the data.

Morgan	Taylor
\$2	\$5
\$4	
\$10	

How much money does Taylor save if Morgan saves \$24?

How much money does Taylor save if Morgan saves \$3?

Morgan	Taylor
\$2	\$5
\$4	\$10
\$10	\$25



If Morgan saves 24, Taylor saves 60.
If Morgan saves 3, Taylor saves 7.50.

The table shows the ratio of cups of flour to teaspoons of vegetable oil in a waffle recipe.

Flour	Oil
1	5
4	20
8	
	60

Fill in the missing numbers on this table.

What is the value of the ratio?

What equation could represent the relationship between the flour and oil?

Flour	Oil
1	5
4	20
8	40
12	60

What is the value of the ratio?

1:5

What equation could represent the relationship between the flour and oil?

flour \times 5 = oil

Topic 10 Quiz Review: Riddle

What object is king of the classroom?

L Sue was saving money for a new outfit (pants and a shirt) that cost \$60. The shirt cost \$35. What is the ratio of the cost of the pants to the cost of the shirt?

- A. 35:25 B. 60:35 C. 5:7 D. 7:5

T In 2014 the 6th grade student-to-adult ratio at Roth Middle school was 15:3. The total of students and teachers was 360. How many more students were there in 6th grade than teachers?

- A 18
B 240
C 5
D 300

Use for U and E: The waiter at a restaurant compared the number of pizzas sold to the number of hamburgers sold over one day. The ratios for the three times of day were equivalent. Complete the table below.

Time of Day	pizza	hamburger
Lunch	2	3
Dinner	U: _____	9
late night	14	E: _____

Use for R and H: The ratio of water to orange juice is 5:7. The total of both ingredients is 48 cups. How many cups of each liquid is used?

R: _____ cups of water

H: _____ cups of orange juice

B	28	21		20	6	C	21	20

Quiz Review

RIDDLE

Answer

Key

T	H	E		R	U	L	E	R
B	28	21		20	6	C	21	20

