Write the following ratios in three different ways.

1) Squares to triangles

2) Triangles to circles

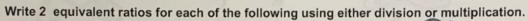
3) Circles to squares

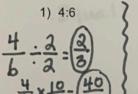
6 to 3

4) Triangles to total shapes

9 to 18

9:18





$$\begin{array}{c} x_{10}^{10} \left(\frac{120}{160} \right) \left\{ \frac{16}{20} - \frac{2}{2} \left(\frac{8}{10} \right) \right\} \\ \frac{16}{20} - \frac{4}{4} = \left(\frac{6}{2} \right) \end{array}$$

division or mu
$$\frac{16}{20} \times \frac{2}{2} \left(\frac{32}{40} \right) 4$$

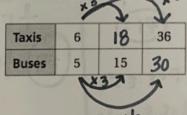
Write the value of each ratio. (Remember that "value" means the ratio written in the simplest form.)

1) 10 to 16

2) 24:14

4) 7:28

Complete the following ratio tables.



	- 5	15 4	20	30°	X3
3	, 15	45	60	30	

A certain recipe calls for 4 eggs to 2 pounds of flour. Complete a ratio table using this information. Write the value of the ratio table and the equation.

intormation	. vviite tile v
Flour	Eggs
2	4
3	6
4	8
5	10

Y=2x y=2·x 2.2 = y 2x = y

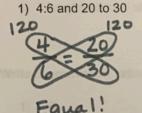
All of these are table.

Value-reduce! $\frac{2}{4} = \frac{1}{2}$

- Value of flow to eggs 1 to 2

X · 2 = Y

Tell whether each pair of ratios are equal.



Spiral Review

$$\begin{array}{r}
1) 3\frac{1}{2} + 4\frac{5}{6} \\
3\frac{1}{2} \times \frac{3}{3} = 3\frac{3}{6} \\
+ 4\frac{5}{6} = 4\frac{5}{6} \\
7\frac{8}{6} = 8\frac{2}{6} = 8\frac{1}{3}
\end{array}$$

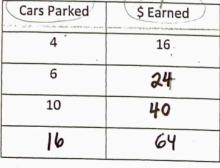
2)
$$(9 \div 3)^2 + 2^3$$

 $(3)^2 + 2^3$
 $4 + 8$
 $= 17$
 $3^2 = 3 \cdot 3 = 9$
 $2^3 = 2 \cdot 2 \cdot 2 = 8$

eview – Tables and Graphing Proportional Relationships

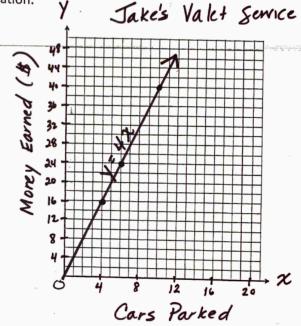
1) Jake records how much he makes for different numbers of cars he parks. Complete the table and then graph the linear equation.

70	
Cars Parked	\$ Earned
4	16
6	24
10	40
16	64



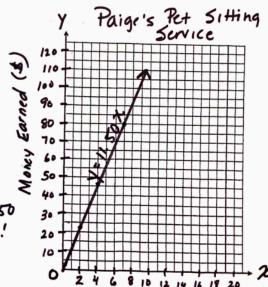
Reduce!
Value of money earned 16 16 to 4

Equation: **y = 4** × $y = 4 \times$



2) Paige pet sits every weekend to earn extra spending money. She earns \$11.50 per day. Complete the table.

Days	\$ Earned
2 .	\$23
4	\$46
7	\$ 80.50
13	\$149.50
27	\$ 310.50

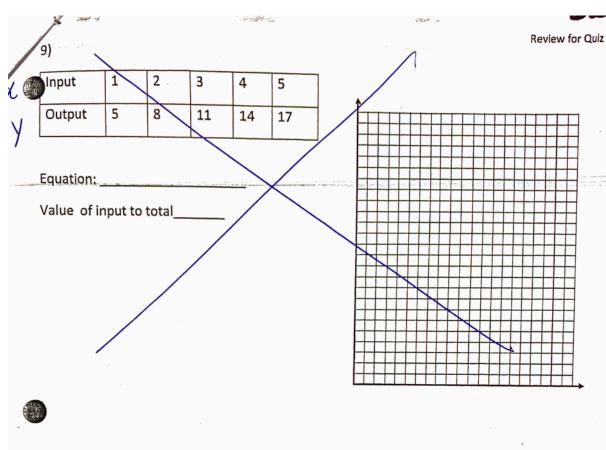


Days

How much does she earn after working a week? \$80,50

If she earns \$46, how long did she work? 4 hours

y = 11.50x



Spiral Review

$$10)(14 \div 7 + 8(3) = 26)$$

12) 18 (24 + 36) = <u>/080</u> 18 (60) $11)2(6 + 4) - 3 \times 5 = 6$

13) Compare: 8.041 > 8.04 (<, > or =)

14) Find the product of 12.85 and 2.3 <u>9.555</u>

12,85

15) 4,320 is divisible by what numbers? Circle all that apply.

38 5 5 2 5 7 0 0

23456910

16) For every three chips John eats, Lucy eats one. If John eats 24, then how many did they eat in total? (Don't forget...you have to find out how many Lucy had first!) $\frac{32}{30} = \frac{3 \times 8}{30} = \frac{34}{30} = \frac{34}{30}$

17) Which is the better buy? 12 rolls of paper towel for \$15 or 8 rolls for \$10.40?

Not on the test but try it!