

RATIO TABLES

To solve a ratio table problem, take one set of numbers from the table and write a proportion. Then solve for the missing number.

Example: For every 5 dogs, there is one dog house. How many houses will there be for 295 dogs?

X (dogs)	Y (dog houses)
5	1
10	2
295	

Write a proportion and solve it:

$$\frac{\text{dogs}}{\text{Houses}} = \frac{5}{1} = \frac{295}{x}$$

Cross multiply:

$$295 = 5x$$

$$59 = x$$

For 295 dogs, there will be 59 dog houses.

Now, try the next page...