

Equivalent Ratios

A Find the simplest equivalent ratio for each of the following.

1. 4:10 _____
2. 18:24 _____
3. 13:39 _____
4. 2:4 _____
5. 24:16 _____
6. 15:20 _____
7. 8:16 _____
8. 27:45 _____



B Find the unknown value for each set of equivalent ratios.

1. 1:_____ = 16:32
2. _____:9 = 49:63
3. 3:_____ = 15:20
4. 5:_____ = 45:81
5. _____:8 = 56:64
6. 2:8 = 6:_____
7. 30:10 = _____:20
8. 6:_____ = 24:96

C Complete the word problems.

1. There are 25 dogs at a local animal shelter. If the ratio of dogs to cats is 5:8, how many total animals are at the shelter?

2. Sven is taking inventory of his toys. The ratio of stuffed animals to collectable hot air balloon cards is 7:21. The number of collectable cards is 240. How many stuffed animals are there?

3. JT is making pancakes. The recipe called for a ratio of 1:4 parts milk to flour. JT has 8 cups of flour in a bowl. How many cups of milk need to be added?

4. A maglev train travels 350 mph. A jet travels 500 mph. What is the simplest equivalent ratio comparing the train to the jet?
