

Proportion Practice

Name: _____

1. The ratio of time Mr. Dobbs spends teaching math to coaching softball is 5 to 2. If during the last week Mr. Dobbs spent 45 hours teaching, how many hours did he spend coaching softball?

2. A 6 foot man stands next to a light pole. The shadow of the man is 12 feet long, and the shadow of the light pole is 20 feet long. How tall is the light pole?

3. It takes 2 cups of meat to make spaghetti for 18 people, how many cups of meat will it take to make spaghetti for 40 people?

4. The length of a statue in a picture is 6 inches. In real life the statue is 36 inches tall. Also in the picture is a girl standing next to the statue. In the picture she is 4 inches tall. How tall is she in real life?

5. The ratio of dogs to cats at a local show was 6 : 4. If the show had 120 dogs, how many cats were there?

6. Some medicines are dangerous if too much is taken. Most medicines are given based on the weight of the person taking it. If you are supposed to take .3 ounces of medicine for every 60 pounds you weigh, how many ounces should you take if you weigh 150 pounds?
7. At Make Believe Amusement Park the largest roller coaster is called the Pretender. If 36 riders ride every 10 minutes, how many riders will the coaster have in 12 hours?
8. If an 8 inch long picture has a 5 inch figure in it. How big will the figure be if the picture is enlarged to be 10 inches long?
9. If it takes 4 gallons of milk to make 50 milk shakes at Brahms. How many gallons of milk will it take to make 120 milk shakes?
10. From the heel to the top of her head, the statue of liberty is 110 feet tall. Her tablet is 24 feet long. If Ashley is making a costume of the statue of liberty and she is 5 feet tall, how long would the tablet be for her costume?