

Name: _____

Period: _____

Proportion Word Problems Review

1. Carol spends 17 hours in a 2-week period practicing her culinary skills. How many hours does she practice in 5 weeks?

42.5 hours

2. In the typing world, 80 words per minute is considered acceptable. How many words per 30 minutes is this?

2400 words

3. In the year 2000, there were 8.7 deaths per 1000 residents in the United States. If there were 281,421,906 residents in the U.S. during 2000, how many people died that year?

about 2448370 people died

4. In a shipment of 400 parts, 14 are found to be defective. How many defective parts should be expected in a shipment of 1000?

35 parts

5. Joseph drives 125 miles in 2 $\frac{1}{2}$ hours. At the same rate, how far will he be able to travel in 6 hours?

300 miles

6. A piece of cable 8.5 cm long weighs 52 grams. What will a 10-cm length of the same cable weigh?

about 61.2 lbs

7. A rainstorm produced a rainfall of 2 inches per hour. How many hours would it take to get a rainfall amount of one foot?

6 hours

8. A snowstorm dumped 18 inches of snow in a 12-hour period. How many inches were falling per hour?

1.5 inches per hour

9. Mary can read 22 pages in 30 minutes. How long would it take her to read a 100 page book? Write your answer in hours and minutes and round to the nearest minute, if needed.

about 2 hours and 16 minutes

10. It takes about me 25 minutes to make out a test for a mathematics class. How long will it take to make out tests for all five of my classes?

about 2 hours and 5 minutes