

Name _____ Period _____ Date _____



Solving Proportion Word Problems

1. If 5 bars of soap cost \$4.00, how much will 10 bars cost?

2. If you can buy 4 containers of yogurt for \$4.20, how many could you buy for \$9.45?

3. If a satellite travels 13,000 km in 2 hours, How far does it travel in 7 hours?

4. If a car uses 6 gallons of gasoline to travel 192 miles, how many gallons of gasoline would the car use in traveling 96 miles?

5. If 9 kg of fertilizer will feed 300 m^2 of grass, how much fertilizer would be required to feed 500 m^2 ?

6. A long-playing old time vinyl record revolves 100 times every 3 minutes.
 - a. How many revolutions does it make in 2.25 min?
 - b. How long does it take for 275 revolutions?

7. Three and a half pounds of peaches cost \$6.23. How much would $2\frac{1}{2}$ lbs of peaches cost?

8. Five cans of paint will cover 130 m^2 of wall space. How many cans will be needed to cover 208 m^2 .

9. To obtain the correct strength of a medicine, 5 cm^3 of distilled water is added to 12 cm^3 of an antibiotic. How much water should be added to 30 cm^3 of the antibiotics?

10. Five vest can be made from $2\frac{1}{2}$ yds of fabric. How many vests can be made from 6 yd. of fabric?