

Name: _____
Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet
Solving Problems Involving Direct Proportion

Answer the following problems.

1. A car uses 5 liters of gasoline for a distance of 110 kilometers. At this rate, how many liters of gasoline will the car consume for a distance of 165 kilometers?

2. A man can burn approximately 300 calories by walking up and down the stairs for about 30 minutes. About how long will it take him to burn 900 calories?

3. A motorcycle can travel 90 kilometers in 3 hours. How far will it go if it travels for 5 hours?

4. You can buy 3 guavas for ₱12.50, how many guavas can be bought with ₱87.50?

5. Three bars of soap cost ₱105, how many bars can be bought for ₱315?

6. If 4 eggs are used for 5 cups of flour, how many eggs will be needed if 10 cups of flour are used?
7. A car uses 10 liters of gasoline to travel a distance of 160 kilometers. How many liters of gasoline will be needed to travel a 240-kilometer distance?
8. If 2 red eggs cost ₱24, how much will a dozen of red eggs cost?
9. A motorcycle can travel 120 kilometers in 6 hours. How far will it go if it travels for 12 hours?
10. A motorcycle uses 5 liters of gasoline for a distance of 250 kilometers. At this rate, how many liters of gasoline will the car consume for a distance of 400 kilometers?