

## Solving Proportion Word Problems

Answer each question and round your answer to the nearest whole number.

- 1) Totsakan enlarged the size of a photo to a height of 18 in. What is the new width if it was originally 2 in tall and 1 in wide?
- 2) A frame is 9 in wide and 6 in tall. If it is reduced to a width of 3 in then how tall will it be?
- 3) The money used in Saudi Arabia is called the Riyal. The exchange rate is 4 Riyals to \$1. Find how many Riyals you would receive if you exchanged \$5.
- 4) Jacob bought one bulb of elephant garlic for \$2. How many bulbs can Stephanie buy if she has \$12?
- 5) Natalie bought one bunch of fennel for \$2. How many bunches can Stephanie buy if she has \$6?
- 6) A triangle is 20 in tall and 5 in wide. If it is reduced to a width of 1 in then how tall will it be?
- 7) One bulb of elephant garlic costs \$2. How many bulbs of elephant garlic can you buy for \$14?
- 8) If you can buy one bunch of seedlees green grapes for \$2 then how many can you buy with \$18?
- 9) The currency in Sweden is the Kronor. The exchange rate is approximately \$1 for every 7 Kronor. At this rate, how many dollars would you get if you exchanged 14 Kronor?
- 10) Totsakan bought one can of pineapple chunks for \$2. How many cans can Stefan buy if he has \$16?
- 11) The currency in Bolivia is the Boliviano. The exchange rate is approximately \$1 = 8 Bolivianos. At this rate, how many Bolivianos would you get if you exchanged \$3?
- 12) A painting is 2 in tall and 3 in wide. If it is enlarged to a width of 15 in then how tall will it be?

- 13) A frame is 6 in tall and 8 in wide. If it is reduced to a width of 4 in then how tall will it be?
- 14) Castel bought one cantaloupe for \$2. How many cantaloupes can Kathryn buy if she has \$4?
- 15) Carlos bought one container of dried cherries for \$7. How many containers can Stephanie buy if she has \$14?
- 16) Mark reduced the size of a photo to a height of 4 in. What is the new width if it was originally 16 in tall and 8 in wide?
- 17) Perry bought one jar of sun-dried tomatoes for \$4. How many jars of sun-dried tomatoes can Jennifer buy if she has \$12?
- 18) Dan bought one package of blackberries for \$3. How many packages can Darryl buy if he has \$15?
- 19) The money used in South Africa is called the Rand. The exchange rate is 7 Rand for \$1. Find how many dollars you would receive if you exchanged 21 Rand.
- 20) Kim took a trip to China. Upon leaving she decided to convert all of her Yuan back into dollars. How many dollars did she receive if she exchanged 16 Yuan at a rate of 8 Yuan for \$1?
- 21) The currency in Tajikistan is the Somoni. The exchange rate is approximately 3 Somoni = \$1. At this rate, how many Somoni would you get if you exchanged \$5?
- 22) If you can buy one bunch of asparagus for \$2 then how many can you buy with \$20?
- 23) The money used in Malaysia is called the Ringgit. The exchange rate is 4 Ringgits to \$1. Find how many dollars you would receive if you exchanged 12 Ringgits.
- 24) The money used in Poland is called the Zlotych. The exchange rate is 3 Zlotych for every \$1. Find how many Zlotych you would receive if you exchanged \$3.

## DAY 2 Blizzard Bags

**SHOW ALL WORK!! Write out ratios first. Do your work on separate piece of paper.**

Name : \_\_\_\_\_ Score : \_\_\_\_\_

Teacher : \_\_\_\_\_ Date : \_\_\_\_\_

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### Word Problems

Round your answer to the nearest ones.

- 1) You can buy 8 apples at the Quick Market for \$1.45. You can buy 6 of the same apples at Stop and Save for \$1.22. Which place is the better buy? \_\_\_\_\_
  
- 2) Mary ran the 5-kilometer race in 45 minutes. Melanie ran the 2-kilometer race in 17 minutes. Which runner ran the faster race? What was that rate per hour? \_\_\_\_\_
  
- 3) A ferris wheel can accommodate 54 people in 24 minutes. How many people could ride the ferris wheel in 2 hours? What was that rate per hour? \_\_\_\_\_
  
- 4) You can buy 9 cans for green beans at the Village Market for \$4.12. You can buy 7 of the same green beans at Sam's Club for \$4.22. Which place is the better buy? \_\_\_\_\_
  
- 5) The bakers at Healthy Bakery can make 290 bagels in 2 hours. How many bagels can they bake in 11 hours? What was that rate per hour? \_\_\_\_\_
  
- 6) Gas mileage is the number of miles you can drive on a a gallon of gasoline. A test of a new car results in 535 miles on 21 gallons of gas. How far could you drive on 51 gallons of gas? What is the car's gas mileage? \_\_\_\_\_
  
- 7) A jet travels 548 miles in 4 hours. At this rate, how far could the jet fly in 13 hours? What is the rate of speed of the jet? \_\_\_\_\_
  
- 8) An ice cream store makes 280 quarts of ice cream in 5 hours. How many quarts could be made in 48 hours? What was that rate per day? \_\_\_\_\_

