

Ratio & Proportion Word Problems

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

- 1) Matt bought one honeydew melon for \$4.
How many honeydew melons can Kristin buy if she has \$20?
- 2) The currency in the United Arab Emirates is the Dirham. The exchange rate is approximately 4 Dirhams = \$1. At this rate, how many Dirhams would you get if you exchanged \$2?
- 3) Daniel bought one bag of yellow onions for \$2.
How many bags can Jill buy if she has \$4?
- 4) If you can buy one bunch of asparagus for \$2, then how many can you buy with \$20?
- 5) A frame is 4 in wide and 2 in tall. If it is enlarged to a height of 10 in, then how wide will it be?
- 6) The money used in Tajikistan is called the Somoni. The exchange rate is \$1 to 3 Somoni. Find how many dollars you would receive if you exchanged 12 Somoni.

- 7) The money used in Peru is called the Nuevo Sole. The exchange rate is 3 Nuevos Soles to \$1. Find how many dollars you would receive if you exchanged 15 Nuevos Soles.
- 8) Jack was planning a trip to Tajikistan. Before going, he did some research and learned that the exchange rate is $\$1 = 3$ Somoni. How many Somoni would he get if he exchanged \$5?
- 9) A rectangle is 9 in wide and 3 in tall. If it is reduced to a height of 1 in, then how wide will it be?
- 10) A frame is 4 in tall and 1 in wide. If it is enlarged to a width of 2 in, then how tall will it be?
- 11) The currency in Peru is the Nuevo Sole. The exchange rate is approximately $\$3 = 10$ Nuevos Soles. At this rate, how many Nuevos Soles would you get if you exchanged \$6?
- 12) Paul bought five jars of sun-dried tomatoes for \$22. How many jars can Sarawong buy if he has \$44?

- 13) Mary took a trip to the eastern Caribbean islands. Upon leaving she decided to convert all of her Eastern Caribbean Dollars back into dollars. How many dollars did she receive if she exchanged 30 Eastern Caribbean Dollars at a rate of 3 Eastern Caribbean Dollars to \$1?
- 14) The currency in the eastern Caribbean islands is the Eastern Caribbean Dollar. The exchange rate is approximately $\$9 = 24$ Eastern Caribbean Dollars. At this rate, how many Eastern Caribbean Dollars would you get if you exchanged \$18?
- 15) Rob enlarged the size of a rectangle to a height of 44 in. What is the new width if it was originally 3 in wide and 4 in tall?
- 16) One package of strawberries costs \$3. How many packages of strawberries can you buy for \$27?
- 17) The money used in Poland is called the Zlotych. The exchange rate is 6 Zlotych for \$2. Find how many dollars you would receive if you exchanged 42 Zlotych.
- 18) If you can buy two bags of radishes for \$4, then how many can you buy with \$24?
- 19) A frame is 5 in wide and 25 in tall. If it is reduced to a height of 5 in, then how wide will it be?
- 20) Maria bought 12 honeydew melons for \$48. How many honeydews can Totsakan buy if he has \$24?

Answers to Ratio & Proportion Word Problems

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|----------|----------------------------------|---------------------|--------------|
| 1) 5 | 2) 8 Dirhams | 3) 2 | 4) 10 |
| 5) 20 in | 6) \$4 | 7) \$5 | 8) 15 Somoni |
| 9) 3 in | 10) 8 in | 11) 20 Nuevos Soles | 12) 10 |
| 13) \$10 | 14) 48 Eastern Caribbean Dollars | 15) 33 in | |
| 16) 9 | 17) \$14 | 18) 12 | 19) 1 in |
| 20) 6 | | | |