

Proportion Word Problems

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

- 1) Arjun bought one bunch of fennel for \$2. How many bunches of fennel can John buy if he has \$20?
- 2) The money used in Poland is called the Zlotych. The exchange rate is \$1 for every 3 Zlotych. Find how many Zlotych you would receive if you exchanged \$6.
- 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 \$4.
- 4) 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?
- 5) Perry reduced the size of a painting to a height of 2 in. What is the new width if it was originally 6 in tall and 9 in wide?
- 6) The currency in the eastern Caribbean islands is the Eastern Caribbean Dollar. The exchange rate is approximately 3 Eastern Caribbean Dollars for \$1. At this rate, how many dollars would you get if you exchanged 12 Eastern Caribbean Dollars?
- 7) Mike reduced the size of a painting to a width of 3 in. What is the new height if it was originally 6 in wide and 2 in tall?
- 8) A painting is 12 in wide and 16 in tall. If it is reduced to a width of 3 in, then how tall will it be?
- 9) A photo is 12 in tall and 6 in wide. If it is reduced to a height of 4 in, then how wide will it be?
- 10) If you can buy one bunch of seedless red grapes for \$2, then how many can you buy with \$6?