Pre-Algebra

Name_____

ID: 1

Assignment

Date_____ Period_____

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

1) A frame is 2 in tall and 4 in wide. If it is enlarged to a width of 8 in then how tall will it be?

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 Sweden is called the Kronor. The exchange rate is $1 = 7 Kronor. Find how many Kronor you would receive if you exchanged $3.

4) The money used in Bolivia is called the Boliviano. The exchange rate is 8 Bolivianos = $1. Find how many Bolivianos you would receive if you exchanged $2.

5) Amanda was planning a trip to Tonga. Before going, she did some research and learned that the exchange rate is 2 Pa'anga for every $1. How many Pa'anga would she get if she exchanged $6?

6) The currency in Oman is the Rial. The exchange rate is approximately 1 Rial for every $3. At this rate, how many Rials would you get if you exchanged $48?

7) A 6 ft tall woman standing next to a tent casts a 3 ft shadow. If the tent is 10 ft tall then how long is its shadow?

8) A statue that is 18 ft tall casts a shadow that is 15 ft long. Find the length of the shadow that a 6 ft woman casts.

9) If a 4 ft tall bird bath casts a 8 ft long shadow then how tall is an adult elephant that casts a 20 ft shadow?

10) If a 10 ft tall tent casts a 5 ft long shadow then how long is the shadow that a 18 ft tall adult giraffe casts?

11) Find the distance between Santa Cruz and Rivertown if they are 6 in apart on a map with a scale of 1 in : 20 mi.

12) Find the distance between Santa Cruz and Mount Pleasant on a map with a scale of 1 in : 18 mi if they are actually 162 mi apart.