

Math Challenge--April 17

Solve each math riddle. Show your work.

1. If seven people meet each other and each shakes hands only once with each of the others, how many handshakes will there be?

Answer: _____ handshakes

2. Find the weight of each animal.

$$\begin{array}{c} \text{Bear} \\ \text{+} \\ \text{Bear} \end{array} = 120 \text{ pounds}$$

$$\begin{array}{c} \text{Owl} \\ \text{+} \\ \text{Bear} \end{array} = 70 \text{ pounds}$$

$$\begin{array}{c} \text{Owl} \\ \text{+} \\ \text{Fox} \\ \text{+} \\ \text{Bear} \end{array} = 90 \text{ pounds}$$

Bear: _____ pounds Owl: _____ pounds Fox: _____ pounds

3. If 3 cats can catch 3 bunnies in 3 minutes, how long will it take 100 cats to catch 100 bunnies?

Answer: _____

4. Two parents have six sons and each son has one sister. How many people are there in the family?

Answer: _____