Mass Word Problems
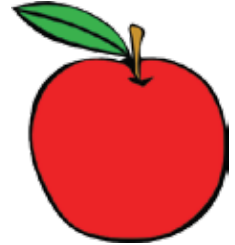
Solve the following word problems. Show number sentence and your workings.

1.   Yesterday I bought 6 pounds of apples and gave 24 ounces away. How many ounces did I have left?

2.   A lion weighs 30 stones. A giraffe is 140 pounds heavier than the lion .What is the mass of the giraffe?

3.   A chair has a mass of 4.5 pounds. What is the mass of the chair in ounces?

4.   A pen has a mass of 1.6 ounce. What is the mass of 20 such pens in pounds?

5.   The total mass of 2 identical twins is 280 pounds. What is the mass of 1 of the twins in stones?
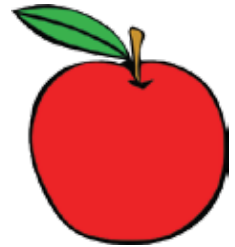
6.   I packed 28 pounds of sugar equally into 14 bags. How many ounces of sugar was there in each bag?

Answers

Solve the following word problems. Show number sentence and your workings.

1. Yesterday I bought 6 pounds of apples and gave 24 ounces away. How many ounces did I have left?

    (6 x 16) -24 = 72 ounces

2. A lion weighs 30 stones. A giraffe is 140 pounds heavier than the lion .What is the mass of the giraffe?

    30 + (140 ÷ 14) = 40 stones

3. A chair has a mass of 4.5 pounds. What is the mass of the chair in ounces?

    4.5 x 16 = 72 ounces

4. A pen has a mass of 1.6 ounce. What is the mass of 20 such pens in pounds?

    20 x 1.6 = 32 ounces = 2 pounds

5. The total mass of 2 identical twins is 280 pounds. What is the mass of 1 of the twins in stones?

    280 ÷ 2 ÷ 14 = 10 stones

6. I packed 28 pounds of sugar equally into 14 bags. How many ounces of sugar was there in each bag?

    (28 ÷ 14) x 16 = 32 ounces