Mass & weight word problems (customary units)

Grade 4 Word Problems Worksheet

1. Venice prepared 2 main dishes for dinner for her family. The roasted chicken weighs 9 lbs 6 oz, and the roasted turkey is 21 lbs 13 oz. How much heavier is the roasted turkey than the roasted chicken?

2. Megan prepared 8 special cupcakes for her cousins. Each cupcake contains 3 ounces of cocoa powder and 2 ounces of sugar. How much cocoa powder did Megan use for the cupcakes in all? Express your answer in lbs and oz.

3. Fred used a total of 6 lbs of peanuts and 5 lbs of sugar to make 4 jars of peanut butter. How many ounces of peanuts did he use in each jar?

4.   The mass of an empty pail is 3 oz. When it is filled with sand, the mass of the pail with the sand is 5 lbs. What is the mass of the sand in the pail?

5.   Christine bought 6 bags of corn chips, 3 bags of nachos and 5 cans of cola from one store. The mass of each bag of corn chips is 5 ounces and the mass of each bag of nachos is 4 ounces. What is the total mass of the snacks she bought? Express your answer in lbs and oz.

6.   Denver has male and female dogs. The female dog weighs 25 lbs 8 oz. The male dog is 3 lbs 9 oz heavier than the female dog. What is the weight of Denver's male dog?

Answers

1. 21 lbs 13 oz – 9 lbs 6 oz = 12 lbs 7 oz
   The roasted turkey is 12 lbs 7 oz heavier than the roasted chicken.

2. 8 x 3 = 24
   24 oz = 1 lb 8 oz
   Megan used 1 lb 8 oz of cocoa powder in all.

3. 6 lbs x 16 oz = 96 oz
   96 ÷ 4 = 24
   Each jar has 24 ounces of peanuts.

4. 5 lbs = 80 oz
   80 oz – 3 oz = 77 oz
   The mass of the sand is 77 oz.

5. Corn chips: 6 x 5 = 30 oz
   Nachos: 3 x 4 = 12 oz
   30 + 12 = 42 oz = 2 lbs 10 oz
   The total mass of the snacks is 2 lbs 10 oz.

6. 25 lbs 8 oz + 3 lbs 9 oz = 28 lbs 17 oz = 29 lbs 1 oz
   The weight of the male dog is 29 lbs 1 oz.