Divide Fractions Word Problems Worksheets

1. Margo freezes 8 cups of strawberries. If this is $\frac{2}{3}$ of the total strawberries that she picked, how many cups of strawberries did Margo pick?

2. Regina is chopping up wood. She has chopped 10 logs so far. If the 10 logs represent $\frac{5}{8}$ of all the logs that need to be chopped, how many logs need to be chopped in all?

3. Nicole used $\frac{3}{8}$ of her ribbon to wrap a present. If she used 6 feet of ribbon for the present, how much ribbon did Nicole have at first?

4. 12 gallons of water fill a tank to $\frac{3}{4}$ capacity. What is the capacity of the tank?

Divide Fractions Word Problems Worksheets

1. Margo freezes 8 cups of strawberries. If this is $\frac{2}{3}$ of the total strawberries that she picked, how many cups of strawberries did Margo pick?

$$8 \div \frac{2}{3} = 8 \times \frac{3}{2} = 12$$

2. Regina is chopping up wood. She has chopped 10 logs so far. If the 10 logs represent $\frac{5}{8}$ of all the logs that need to be chopped, how many logs need to be chopped in all?

$$10 \div \frac{5}{8} = 10 \times \frac{8}{5} = 16$$

3. Nicole used $\frac{3}{8}$ of her ribbon to wrap a present. If she used 6 feet of ribbon for the present, how much ribbon did Nicole have at first?

$$6 \div \frac{3}{8} = 6 \times \frac{8}{3} = 16$$

4. 12 gallons of water fill a tank to $\frac{3}{4}$ capacity. What is the capacity of the tank?

$$12 \div \frac{3}{4} = 12 \times \frac{4}{3} = 16$$