

Name:

1. Change the following fractions to percent.

$$\frac{1}{100} = \boxed{1} \%$$

$$\frac{35}{100} = \boxed{35} \%$$

$$\frac{1}{20} = \frac{5}{100} = \boxed{5} \%$$

$$\frac{5}{10} = \frac{50}{100} = \boxed{50} \%$$

2. I bought 100 balloons. 23 of them are red, 50 of them are blue and the remainder are green. What percentage of my balloons are green?

Number of green balloons: $100 - 23 - 50 = 27$

Fraction of green balloons: $\frac{27}{100}$ (27 out of 100)

Percentage : 27%

Ans: 27% of the balloons are green.

3. Change the following fractions to percent.

$$\frac{25}{100} \times \frac{1}{4} = \boxed{25} \%$$

$$\frac{8}{100} \times \frac{2}{25} = \boxed{8} \%$$

$$\frac{32}{100} \times \frac{16}{50} = \boxed{32} \%$$

$$\frac{35}{100} \times \frac{7}{20} = \boxed{35} \%$$

4.

Change the following fractions to percent.

$$\frac{1}{6} \times 100 = \frac{100}{6} = 16\frac{2}{3}$$

$$\frac{1}{6} = \boxed{16\frac{2}{3} \%}$$

$$\frac{5}{12} \times 100 = \frac{500}{12} = 41\frac{2}{3}$$

$$\frac{5}{12} = \boxed{41\frac{2}{3} \%}$$

$$\frac{4}{9} \times 100 = \frac{400}{9} = 44\frac{4}{9}$$

$$\frac{4}{9} = \boxed{44\frac{4}{9} \%}$$

$$\frac{7}{8} \times 100 = \frac{700}{8} = 87\frac{1}{2}$$

$$\frac{7}{8} = \boxed{87\frac{1}{2} \%}$$

5.

Mrs. Tan baked 100 cupcakes for a fundraiser. 45% of them are chocolate cupcakes. How many chocolate cupcakes did Mrs. Tan bake?

Number of cupcakes: 100

Fraction of chocolate: $\frac{45}{100}$ (45 out of 100)

Number of chocolate : 45

Ans: There are 45 chocolate cupcakes.

6.

Frank has \$100. He spent some money and has \$36 left. How many percent of his money did Frank spend?

Money spent: $100 - 36 = 64$

Fraction of money spent: $\frac{64}{100}$ (64 out of 100)

Percentage of money spent : 64%

Ans: Frank spent 64% of his money.