Finding Percentages





A. Change the following fractions to percentages.

Example 1	Multiplication	Example 2	Equivalent fractions
<u>Example 1</u>	Munipheation	Example 2	Equivalent fractions

$$\frac{42}{120} = \frac{42}{120} \times 100\% = \underline{35\%}$$

$$\frac{42}{20} = \frac{7}{20} \longrightarrow \frac{7}{20} = \frac{3}{10}$$

$$\frac{42}{120} = \frac{35}{100} = \underline{35\%}$$

1).
$$\frac{14}{25}$$

2).
$$\frac{19}{20}$$

3).
$$\frac{140}{200}$$

4).
$$\frac{465}{500}$$

5).
$$\frac{243}{300}$$

6).
$$\frac{135}{250}$$

7).
$$\frac{48}{160}$$

8).
$$\frac{112}{175}$$

9).
$$\frac{96}{150}$$

10).
$$\frac{42}{120}$$

11).
$$\frac{3}{8}$$

12).
$$\frac{9}{16}$$

13).
$$\frac{221}{250}$$

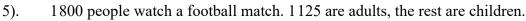
14).
$$\frac{21}{240}$$

15).
$$\frac{51}{160}$$

B. Answer the following questions.

Find the fraction, then change it to a percentage.

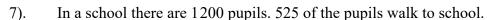
- b. This wer the following questions
- 1). Piet has 50 apples to sell. At the end of the day he has sold 43 apples.
 - a). What percentage of apples has Piet sold?
 - b). What percentage of apples remain unsold?
- 2). Alex paints a wall that is 25 m². She paints 13 m² on Monday and the rest on Tuesday.
 - a). What percentage of the wall does she paint on Monday?
 - b). What percentage of the wall does she paint on Tuesday?
- 3). Ruby has 900 g of sugar. She uses 720 g of the sugar to make a cake.
 - a). What percentage of the sugar does she use?
 - b). What percentage of the sugar remains unused?
- 4). A large bakery has 400 kg of flour and uses 220 kg to make bread.
 - a). What percentage of the flour does the bakery use?
 - b). What percentage of the flour does the bakery have left?



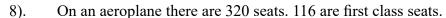
- a). What percentage of the crowd are adults?
- b). What percentage of the crowd are children?



- a). What percentage of the marbles are blue?
- b). What percentage of the marbles are **not** blue?



- a). What percentage of pupils walk to school?
- b). What percentage of pupils don't walk to school?



- a). What percentage of the seats on the aeroplane are first class seats?
- b). What percentage of the seats on the aeroplane are not first class seats?





