

PERCENTAGES

- Calculating the percentage of a number or quantity.

EXAMPLES

Calculate the percentage of the following quantities.

1). 20% of 50 = **10**

Working:

$$\frac{\cancel{20}}{\cancel{100}} \times \frac{\cancel{50}}{1} = \frac{10}{1} \quad \boxed{\text{OR}} \quad 0.20 \times 50 = \mathbf{10}$$
$$= \mathbf{10}$$

2). 5% of 60 = **3**

Working:

$$\frac{\overset{1}{\cancel{5}}}{\cancel{100}} \times \frac{\overset{3}{\cancel{60}}}{1} = \frac{3}{1} \quad \boxed{\text{OR}} \quad 0.05 \times 60 = \mathbf{3}$$
$$= \mathbf{3}$$

CLASSWORK

Calculate the percentage of the following quantities.

1). 80% of 100 = _____

10). 32% of 500 = _____

2). 40% of 70 = _____

11). 45% of 60 = _____

3). 90% of 200 = _____

12). 75% of 12 = _____

4). 50% of 120 = _____

13). 15% of 700 = _____

5). 70% of 340 = _____

14). 5% of 20 = _____

6). 25% of 900 = _____

15). 11% of 600 = _____

7). 55% of 200 = _____

8). 65% of 700 = _____

9). 85% of 20 = _____