Percentages of quantities

6 questions | 13 marks

Equivalent correct methods earn the corresponding marks.

1. Find 10% of 240. [2 marks]

Divide 240 by 10.

Answer: 24

2. Find 25% of 84. [2 marks]

Divide 84 by 4.

Answer: 21

3. Find 5% of 360 dollars. [2 marks]

Ten percent is 36 dollars; halve it.

Answer: 18 dollars

4. Find 12% of 150 m. [2 marks]

10 percent is 15 m and 2 percent is 3 m; add.

Answer: 18 m

5. Find 35% of 80. [2 marks]

30 percent is 24 and 5 percent is 4.

Answer: 28

6. A class has 48 students. Exactly 62.5% choose a museum visit. How many is that? [3 marks]

$62.5\% = \frac{5}{8}$; one eighth of 48 is 6, so five eighths is 30.

Answer: 30 students