



**University of Reading
Mathematics Support Centre**

PRACTICE QUESTIONS FOR QTS MENTAL ARITHMETIC ...
PERCENTAGES (2)

Examples 1) Find 25% of £ 580

since 10% is £ 58

and 5% is £ 29

then 25% is $(2 \times 58) + 29 = \underline{\text{£ 145}}$ Answer

2) In a class of students, 12 out of 60 have blue eyes. What percentage is this?

First cancel $\frac{12}{60}$ to give $\frac{6}{30}$ or $\frac{3}{15}$ or $\frac{1}{5}$

Then change $\frac{1}{5}$ to give $\frac{20}{100}$

So $\frac{12}{60} = \underline{20\%}$ Answer

Questions

- 1) Find 35% of £460
- 2) Find 45% of £10.60
- 3) Find 11% of 3500km
- 4) Find 22% of 8kg
- 5) Find 16% of 420
- 6) Express 54 out of 90 as a percentage
- 7) Express 60 out of 75 as a percentage
- 8) Express 7 out of 35 as a percentage
- 9) A student scores 33 out of 60 in a test.
What percentage is this?
- 10) 30 out of 250 mice preferred cheddar to stilton. What percentage is this?

ANSWERS

Q1. £161	Q2. £4.77	Q3. 385km	Q4. 1.76kg	Q5. 67.2
Q6. 60%	Q7. 80%	Q8. 20%	Q9. 55%	Q10. 12%