



**University of Reading
Mathematics Support Centre**

PRACTICE QUESTIONS FOR QTS MENTAL ARITHMETIC ...
PERCENTAGES (1)

Examples 1) Find 15% of £ 2800

since 10% is £ 280

and 5% is £ 140

then 15% is £ 420 Answer

2) In a class of students, 9 out of 30 wear glasses. What percentage is this?

First cancel $\frac{9}{30}$ to give $\frac{3}{10}$

Then change $\frac{3}{10}$ to give $\frac{30}{100}$

So $\frac{9}{30} = \underline{30\%}$ Answer

Questions

- 1) Find 40% of £350
- 2) Find 60% of 90p
- 3) Find 25% of 400km
- 4) Find 75% of 700kg
- 5) Find 35% of 5500
- 6) Express 16 out of 40 as a percentage
- 7) Express 17 out of 20 as a percentage
- 8) Express 3 out of 5 as a percentage
- 9) A student scores 14 out of 25 in a test.
What percentage is this?
- 10) 10 out of 15 cats preferred salmon to pilchards. What percentage is this?
(Answer to 1 decimal place.)

ANSWERS

Q1. £140

Q2. 54p

Q3. 100km

Q4. 525kg

Q5. 1925

Q6. 40%

Q7. 85%

Q8. 60%

Q9. 56%

Q10. 66.7%