

Show All Working!!!

1. Without using a calculator, find the answers to:

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|------------------|-------------------|-----------------|-------------------|
| (a) 10% of £150 | (b) 10% of £15.20 | (c) 20% of £370 | (d) 20% of £75.80 |
| (e) 50% of £6.32 | (f) 50% of £12.86 | (g) 90% of £315 | (h) 70% of £62.80 |
| (i) 15% of £150 | (j) 15% of £22 | (k) 35% of £720 | (l) 45% of £65.30 |

2. Using a calculator, find the answers to:

- | | | | |
|------------------|--------------------|---------------------|-------------------|
| (a) 36% of £25 | (b) 47% of £2520 | (c) 39% of £317 | (d) 76% of £32.50 |
| (e) 21.5% of £80 | (f) 32.5% of £2000 | (g) 16.7% of £38.60 | |

3. The price of a carton of milk increases by 5%.
The original price was £1.30, what is the new price?



4. A flat in Edinburgh city centre appreciates in value by 8%. It was bought for £115,000.
How much would the flat be worth now?

5. 13 out of 30 pupils in a class are female.
(a) What percentage of the class are female?
(b) What percentage of the class are male?

6. Eric scored 15 goals in 22 games of football and Jamie scored 11 goals in 14 games.
Eric thinks he did better because he scored more goals.
Is Eric correct? Show working to prove your answer.



7. Calculate:

(a) $\frac{1}{4}$ of 36

(b) $\frac{1}{5}$ of 75

(c) $\frac{3}{4}$ of 80

(d) $\frac{2}{7}$ of 56

8. There are 40000 people at a football match. $\frac{2}{5}$ of them are female.

(a) How many people in the crowd were female?

(b) How many people in the crowd were male?

9. Write the following percentages as a fraction and a decimal.

(a) 10%

(b) 30%

(c) 45%

(d) 72%

(e) 1%

(f) 17.5%