


Percentages

1. Kath knows a quick way to work out 15% of any amount of money.

To work out 15% of £160

10% of £160 = £16
So 5% of £160 = £8
So 15% of £160 = £24



Use Kath's method to work out 15% of £420.

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.....

Answer £

(Total 3 marks)

2.

70% of £40

$\frac{3}{5}$ of £45

Which is the larger amount?

You **must** show your working.

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Answer

(Total 4 marks)

3. Mary buys a new kitchen for £5390.

(a) Mary pays a 10% deposit. How much is the deposit?

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Answer £

(1)

(b) After paying the deposit, Mary pays the rest of the cost in 12 equal instalments.

How much is each instalment?

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.....

Answer £

(3)

(Total 4 marks)

4. Tom buys 200 tomato plants at a total cost of £40 to sell at a school fair.

He sells $\frac{3}{4}$ of them at 50p each.

He then reduces the price of the remaining plants by 20%.

(a) Calculate the new price of a tomato plant.

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Answer pence

(3)

(b) At the end of the day there are 18 plants left which have **not** been sold.

How much money does he receive from selling the tomato plants at the school fair?

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Answer £

(4)

(Total 7 marks)

5. In a school there are 300 students in year 11.
Of these 300 students, 60% have a part-time job on Saturday.

(a) How many have a part-time job on Saturday?

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Answer

(2)

(b) Of these 300 students, $\frac{3}{4}$ decide to stay on at school into the sixth form.

How many do **not** stay on in the sixth form?

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Answer

(3)

(c) Of the 300 students, 24 are in one tutor group.

What percentage are in this tutor group?

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Answer %

(2)

(Total 7 marks)

6. 300 people voted in the parish council election.

(a) Joe Weaver got 15% of the votes.
How many votes was this?

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Answer

(2)

(b) Sandra Young got 66 votes.
What percentage of the votes was this?

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Answer %

(2)

(Total 4 marks)

7. (a) Calculate 42% of £360.

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Answer £

(2)

(b) What percentage is £72 of £240?

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Answer %

(2)

(Total 4 marks)