PERCENTAGES OF AMOUNTS

Task 1

1) Work out 10% of 200 = 20

2) Work out 50% of 180 = 90

3) Work out 25% of 160 = 40

4) Work out 20% of 150 = 30

5) Work out 5% of 300 = 15

6) Work out 75% of 80 = 60

7) Work out 10% of 90 = 9

8) Work out 30% of 120 = 36

9) Work out 40% of 250 = 100

10) Work out 60% of 70 = 42

11) Work out 15% of 240 = 36

12) Work out 35% of 180 = 63

13) Work out 12.5% of 160 = 20

14) Work out 65% of 220 = 143

15) Work out 7% of 300 = 21

16) Work out 85% of 400 = 340 17) Work out 2.5% of 200 = 5

18) Work out 33.3% of 90 = 29.97

19) Work out 66.6% of 150 = 99.9

20) Work out 87.5% of 320 = 280

Task 2

21) A jacket costs £80. The cost is reduced by 25% in a sale. What is the new price?

$$25\% \text{ of } 80 = 20$$
 $80 - 20 = 60$
£60

22) A class has 40 students. 60% of the students arrive to lesson within the first minute. How many students arrive after the first minute of the lesson?

60% of 40 = 24 40 - 24 = 16 **16 students**

23) A phone is priced at £500. A discount of 10% is applied, then VAT of 20% is added to the discounted price. What is the final price?

10% of 500 = 50 500 - 50 = 450 20% of 450 = 90 450 + 90 = 540 £540 24) A team of 80 people includes 40% engineers and 25% designers. The rest are managers. How many managers are there?

25) A laptop was £1000. It was reduced by 15%, then a further 10% off the discounted price. What is the final price?

26) A car costs £12,000. A 20% deposit is needed, and the rest is paid in 10 equal monthly payments. How much is each monthly payment?

27) A shop has 600 items. 30% of the items are sold in the morning and 45% of the items are sold in the afternoon. How many items are left?

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30% of 600 = 180
45% of 600 = 270
Items sold = 180 + 270 = 450
600 - 450 = 150
150 items left
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28) A game is £60. A $\frac{1}{3}$ discount is given, followed by 20% VAT on the discounted price. What is the final price of the game?

$$\frac{1}{3} \text{ of } 60 = 20$$

$$60 - 20 = 40$$

$$20\% \text{ of } 40 = 8$$

$$40 + 8 = 48$$
£48

29) A student scored 72 marks on an exam, which was 80% of the total. What was the total mark?

30) A company increases salaries by 5%, then adds a 10% bonus based on the new salary. If the original salary was £2000, what is the total received including the bonus?

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5% of 2000 = 100

New salary = 2000 + 100 = 2100

10% of 2100 = 210

Total = 2100 + 210 = 2310

£2310
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