GENMATHS RESOURCES

**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% 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?

40% of 80 = 32
25% of 80 = 20
80 – 32 – 20 = 28
**28 managers**

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

15% of 1000 = 150
1000 – 150 = 850
10% of 850 = 85
850 – 85 = 765
**£765**

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?

20% of 12000 = 2400
Remaining = 12000 – 2400 = 9600
9600 ÷ 10 = 960
**£960 per month**

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?

30% of 600 = 180
45% of 600 = 270
Items sold = 180 + 270 = 450
600 – 450 = 150
**150 items left**

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?

$\frac{1}{3}$ of 60 = 20
60 – 20 = 40
20% 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?

80% = 72
10% = 9
100% = 90
**90 marks**

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?

5% of 2000 = 100
New salary = 2000 + 100 = 2100
10% of 2100 = 210
Total = 2100 + 210 = 2310
**£2310**