GENERAL.
Non- Calculator

1. **Carry out the following calculations:**

   (a) 2·63 × 8   **(b) 24·3 − 8·8 + 7.32**

   (c) 5% of 900 cm   **(d) 75.24 ÷ 6**

   (e) − 9 + 7 − 16   **(f) 96 − 55·8 + 27·42**

   (g) 69 × 40   **(h) 73 + 9.36 + 0·5**

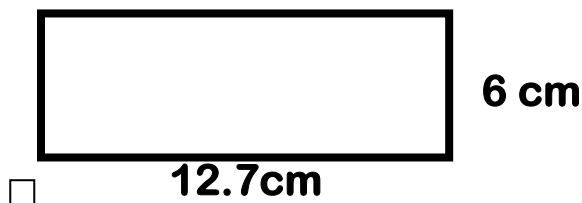   **(i) 6 × 15÷ 5**   **(j) $\frac{1}{7}$ of 150.5 grams**

2. The film "Maths is Marvellous" is shown on television. If it starts at 7.25pm and ends at 9.12pm, how long does it last?

3. The total cost of a meal for 7 people is £117.60. It is decided that each person should pay an equal amount. Work out the amount each person pays.

4. **What is the area of the rectangle shown below?**

   6 cm

   12.7cm

5. **If a = 2 and b = 9, what is 8a + 6b?**

6. **A call centre can handle 150 telephone calls every 3 minutes. How many calls can they handle in 13 minutes?**

7. **Solve the following equation: 5y − 2 = 2y + 58.**

Answers.

a) 21.04
b) 23.32
c) 45cm
d) 12.54
e) −18
f) 67.62
g) 2760
h) 82.86
i) 18
j) 21.5

2) 1 hour 47 minutes
3) £16.80
4) 76.2
5) 70
6) 650 calls
7) 20