

OCR GCSE Mathematics Non-Calculator 2023 Foundation Paper 2 Revision Worksheet

Question 5

Solve.

(a) $\frac{x}{3} = 6$

(b) $2x = -14$

Question 6

(a) Alex is 1.34 metres tall. Gabi is 95 centimetres tall.

Find, in centimetres, how much taller Alex is than Gabi.

(b) Arrange these units of capacity in order of size starting with the smallest:

- 250 millilitres
- $\frac{1}{5}$ litre
- 0.3 litres
- 0.199 litres

Question 7

Azmi invests £700 at a rate of 2% per year simple interest.

(a) Work out the interest Azmi receives after one year.

(b) Work out the value of Azmi's investment after 3 years.

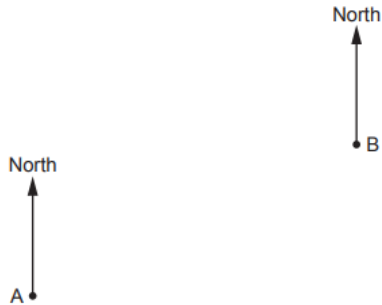
Question 8

Increase 200 by 15%.

Question 9

The scale drawing shows the positions of two towns, A and B. Scale: 1 cm represents 10 km.

Scale: 1 cm represents 10 km



- (a) Find the actual distance between town A and town B.
- (b) Town C is 55 km from town B on a bearing of 330° . On the scale drawing, mark and label the position of town C with a cross. *(Describe how you would do this.)*

Question 10

Hiro and Ling work in a restaurant. Hiro is paid £9 per hour and Ling is paid £10 per hour.

One week, Hiro works a total of 30 hours. Ling earns £50 more than Hiro that week.

Work out the number of hours that Ling works.

Question 11

Work out: Work out.

$$\sqrt[3]{64} \times \left(\frac{1}{2}\right)^2$$

Question 12

Sasha is trying to remember a 4-digit pin number. Sasha knows it has the following digits and that the first digit is 9: 9, 3, 2, 7

- (a) Write down all of the possible orders for Sasha's 4-digit pin number.
- (b) Sasha tries one of these orders at random. Write down the probability that the last digit of the pin number that Sasha tries is 2.