

IGCSE Pretest 1 (CALCULATOR)

1. Work out the answer to 124000 multiplied by 580, and give your answer:

- a) Correct to 2 significant figures.
- b) Correct to 3 significant figures.
- c) In standard form.

(4)

2. Solve each of the following:

a) $3.8x + 17.8 = 20.8$

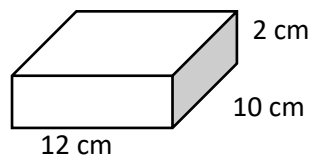
b) $2(x - 1.8) = 12.8$

(4)

3. Work out the area of a circle with a diameter of 6.5 cm

(4)

4. For the cuboid below (it is not drawn to scale):

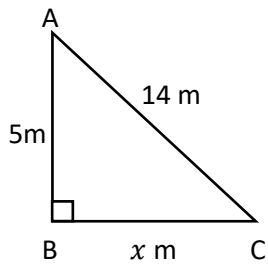


- a) Work out the volume.

- b) Work out the total surface area.

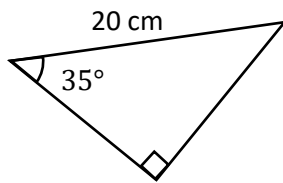
(5)

5. Calculate the length of the side BC.



(4)

6. Find the value of the missing side length:



(2)

7. The interest offered by a bank is 2.5%, compounded annually. Jane invests 12000 CHF for 10 years. Work out the amount of interest she will have earned by the end of the 10 years.

(3)

8. For this list of grades:

3, 8, 6, 5, 2, 7.8, 5, 4, 5,

Work out the

- a) Mode
- b) Median
- c) Range
- d) Mean

(5)