

1. Calculate the following:

a) $17.3 + 2.59$ (1)

b) $0.49 + 44.7$ (1)

2. Calculate the following:

a) $23.8 - 9.4$ (1)

b) $44 - 37.6$ (1)

3. Calculate 13.2×8.7 (3)

4. a) Divide 186 by 12 (1)

5. Calculate the following:

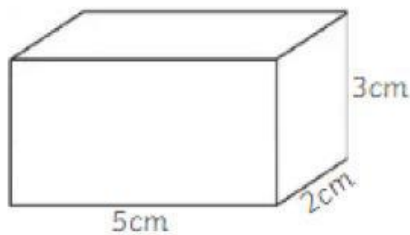
a) 2^3 (1)

b) $\sqrt{144}$ (1)

6. a) Write 65 as a fraction of 200, leaving your answer in its simplest form. (2)

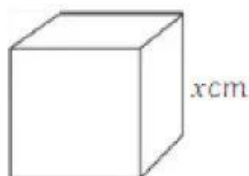
b) Write 25 as a percentage of 500. (2)

7. a) Calculate the total area of all the rectangular faces of the cuboid. (3)



cm²

b) A cube has a volume of 216cm^3 . Calculate the value of x . (2)



cm

8. Fully simplify $2x + 3y + 4x - 6y$ (2)

9. Simplify the expressions:

a) $a + 2b + 2a - 4b$ (2)

b) $3x \times 4y$ (2)

10. Calculate the following:

a) $3 + 2 \times 4$ (1)

b) $(4 - 2) \div 2$ (1)

c) Simone calculates the answer to $5 + 6 \times 3$ as 33. Is she correct? Explain your reasoning. (2)
