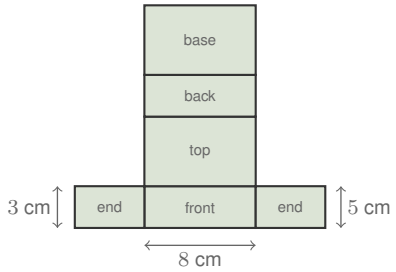
The first two questions have the net drawn for you. The rest do not, so draw your own.

1 This is the net of a cuboid 8 cm long, 5 cm deep and 3 cm high.



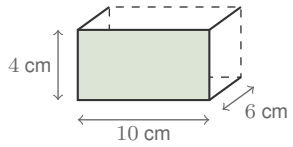
(a) How many faces does the cuboid have? (1)

(b) Find the area of the front face (1)

(c) Find the total surface area (3)

(5 marks)

2 Find the surface area of this cuboid.



(a) Front and back (1)

(b) Top and base (1)

(c) The two ends (1)

(d) Total surface area (1)

(4 marks)

3 A cube has side 5 cm. Find its surface area.

(2)

(2 marks)

4 A cuboid is 12 cm by 7 cm by 2 cm. Find its surface area.

(3)

(3 marks)

5 A cube has side 3 cm. A second cube has side 6 cm.

(a) Find the surface area of the smaller cube (1)

(b) Find the surface area of the larger cube (1)

(c) **The side has doubled. How many times bigger is the surface area?** (1)

(3 marks)

6 A closed cardboard box is 30 cm by 20 cm by 15 cm.

(a) Find the area of card needed to make it (3)

(b) Card costs $\$0.01$ for every 100 cm^2. **Find the cost of the card for one box.** (2)

(5 marks)