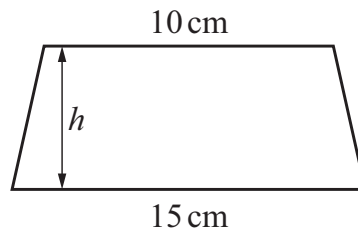


13 (a) The surface area of a solid cube is  $121.5 \text{ cm}^2$ .

Calculate the length of the side of the cube.

..... cm [3]

(b)



NOT TO  
SCALE

The area of the trapezium is  $106.25 \text{ cm}^2$ .

(i) Calculate the height of the trapezium.

..... cm [2]

(ii) Convert  $106.25 \text{ cm}^2$  into  $\text{m}^2$ .

.....  $\text{m}^2$  [1]

14 A bag contains red, yellow, blue and green cards.

The table shows the probability of taking a red card and a yellow card.

The probability of taking a blue card or a green card is in the ratio blue : green = 5 : 2 .

Complete the table.

Colour	red	yellow	blue	green
Probability	0.53	0.19		

[3]