

Name: \_\_\_\_\_

1. Change the following areas to the units shown in the brackets.

(a)  $6.3 \text{ m}^2$  ( $\text{cm}^2$ )

(b)  $48.7 \text{ mm}^2$  ( $\text{cm}^2$ )

(c)  $0.00056 \text{ km}^2$  ( $\text{m}^2$ )

(d)  $0.0065 \text{ m}^2$  ( $\text{mm}^2$ )

(e)  $24.67 \text{ cm}^2$  ( $\text{mm}^2$ )

(f)  $45\,700 \text{ mm}^2$  ( $\text{m}^2$ )

(g)  $820 \text{ cm}^2$  ( $\text{m}^2$ )

(h)  $670\,000 \text{ m}^2$  ( $\text{km}^2$ )

2. Convert the following areas to hectares (ha).

(a)  $360\,000 \text{ m}^2$

(b)  $5.3 \text{ km}^2$

3. A footpath is 78 cm wide and 26 metres long.

(a) What is the area (in  $\text{m}^2$ ) of the footpath?

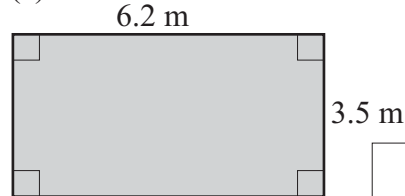
(b) How many bricks that are 260 mm long and 130 mm wide would be needed to pave the footpath?

4. A 25 hectare farm is to have an area 500 m long and 100 m wide planted in fruit trees. What percentage of the farm will be fruit trees?

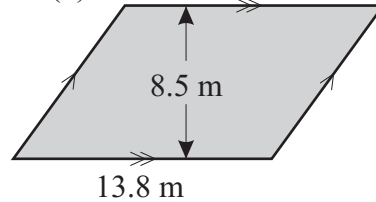
5. Find the area of the following shapes.

Give answers correct to one decimal place.

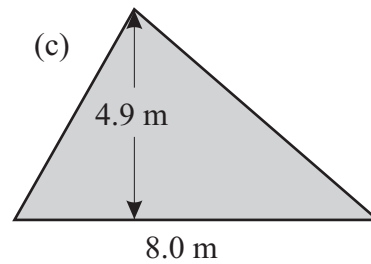
(a)



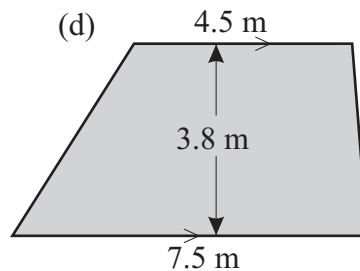

(b)



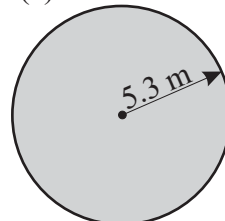

(c)




(d)




(e)




(f)

