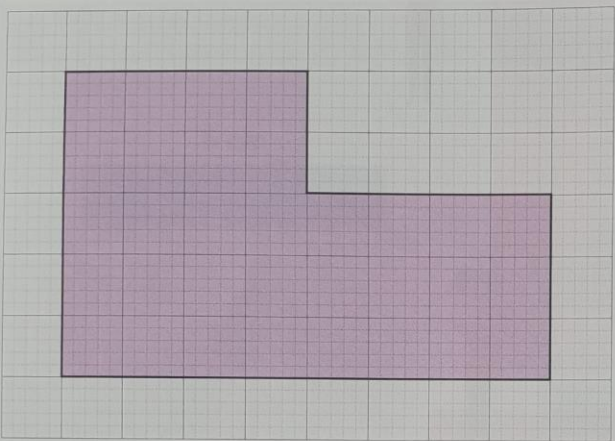


Lesson 7

Measuring the Area

In Focus



Think of different ways to find the area of this figure.

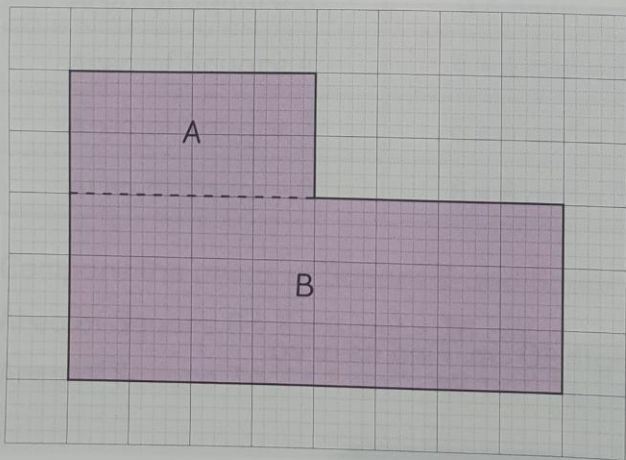


Let's Learn

1



's method



$$\begin{aligned}\text{Area of A} &= 5 \times 4 \text{ cm}^2 \\ &= 20 \text{ cm}^2\end{aligned}$$

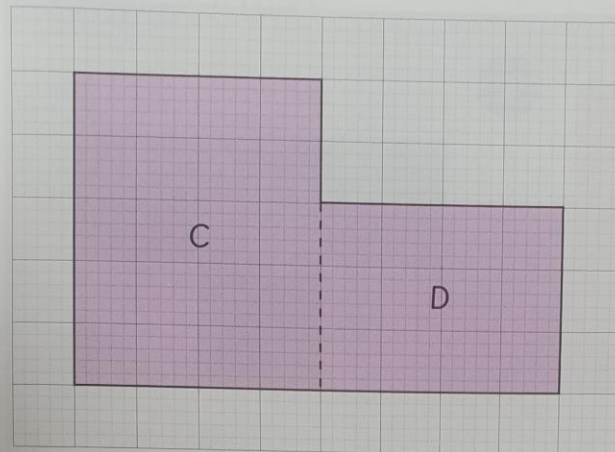
$$\begin{aligned}\text{Area of B} &= 8 \times 4 \text{ cm}^2 \\ &= 32 \text{ cm}^2\end{aligned}$$

$$\begin{aligned}\text{Area of } \text{L-shape} &= 20 \text{ cm}^2 + 32 \text{ cm}^2 \\ &= 52 \text{ cm}^2\end{aligned}$$

2



's method



$$\begin{aligned}\text{Area of C} &= 5 \times 4 \text{ cm}^2 \\ &= 20 \text{ cm}^2\end{aligned}$$

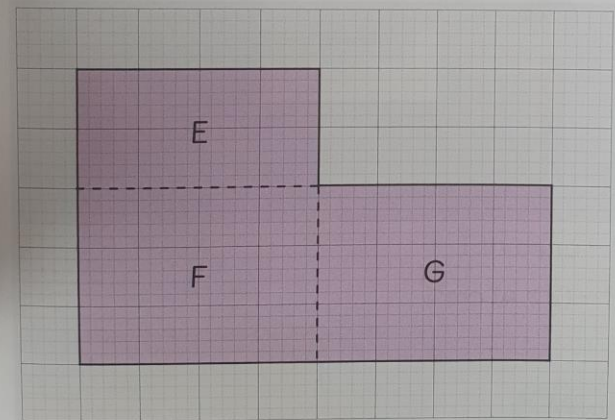
$$\begin{aligned}\text{Area of D} &= 3 \times 4 \text{ cm}^2 \\ &= 12 \text{ cm}^2\end{aligned}$$

$$\begin{aligned}\text{Area of } \text{L-shape} &= \text{ } \text{cm}^2 + \text{ } \text{cm}^2\end{aligned}$$

3



's method



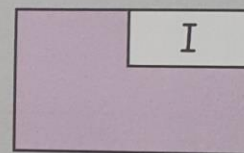
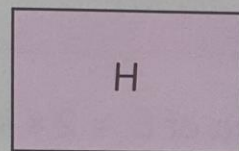
$$\begin{aligned}\text{Area of E} &= 5 \times 4 \text{ cm}^2 \\ &= 20 \text{ cm}^2\end{aligned}$$

$$\begin{aligned}\text{Area of F} &= 3 \times 4 \text{ cm}^2 \\ &= 12 \text{ cm}^2\end{aligned}$$

$$\begin{aligned}\text{Area of G} &= 3 \times 4 \text{ cm}^2 \\ &= 12 \text{ cm}^2\end{aligned}$$

$$\begin{aligned}\text{Area of } \text{L-shape} &= \text{ } \text{cm}^2 + \text{ } \text{cm}^2 \\ &+ \text{ } \text{cm}^2\end{aligned}$$



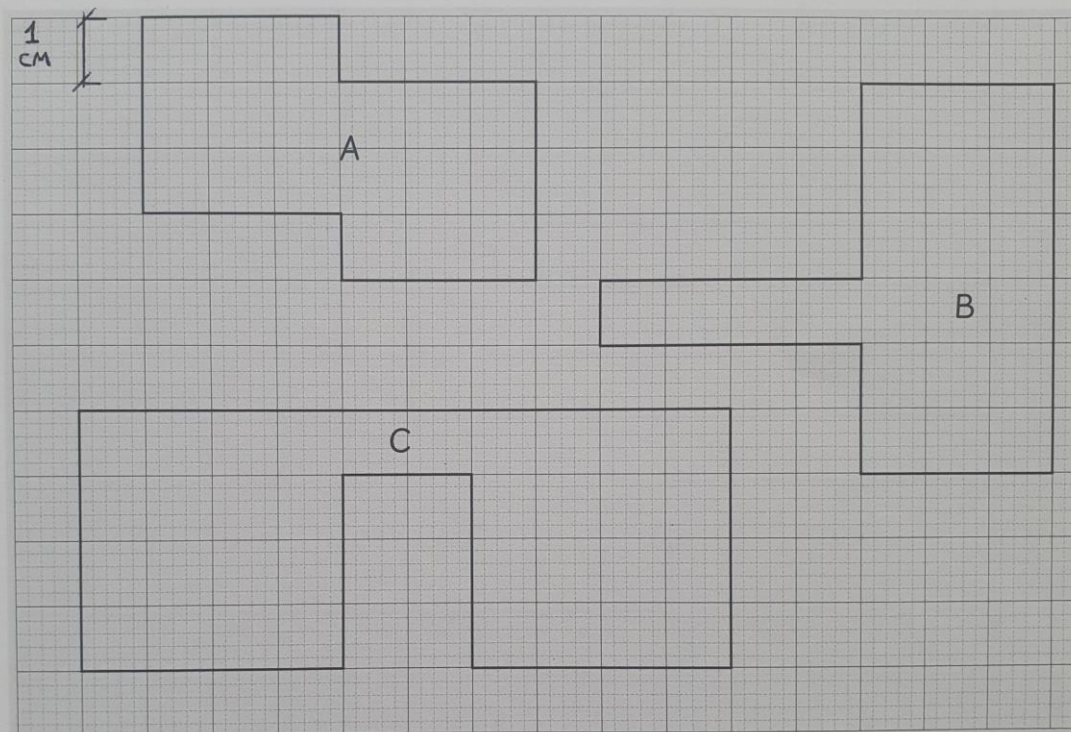


$$\begin{aligned}
 \text{Area of } \text{L-shape} &= \text{area of H} - \text{area of I} \\
 &= (5 \times 8) \text{ cm}^2 - (2 \times 4) \text{ cm}^2 \\
 &= \text{ } \text{ cm}^2
 \end{aligned}$$

Worksheet 7

Measuring the Area

- 1 Measure to find the area of each figure.

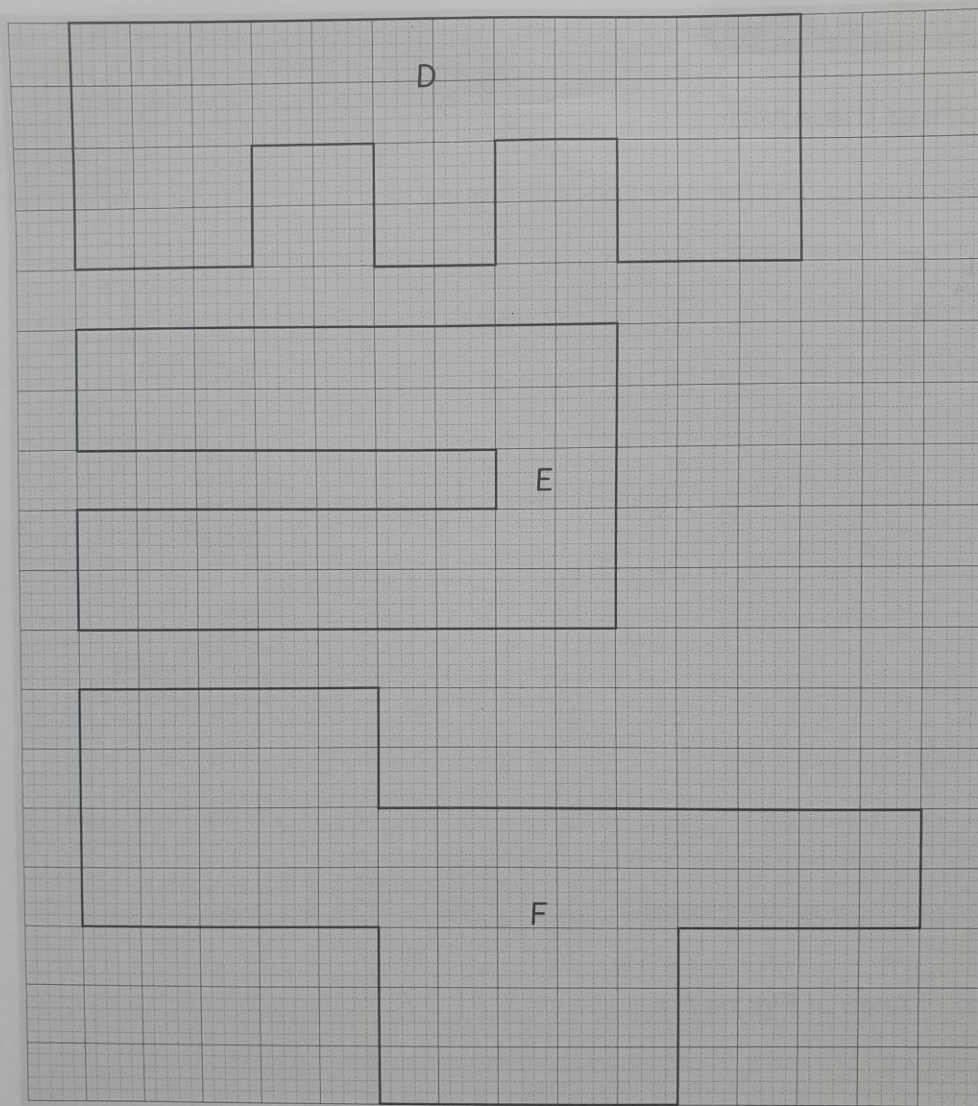


(a) Area of Figure A =

(b) Area of Figure B =

(c) Area of Figure C =

2 Measure to find the area of each figure.



(a) Area of Figure D =

(b) Area of Figure E =

(c) Area of Figure F =

