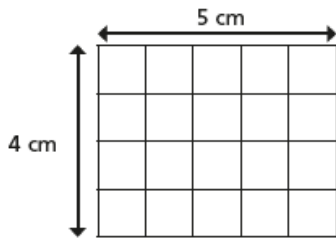


# L.O. Shapes - same area

## Varied Fluency 1

Use the diagram to complete the sentences.



The length of the rectangle is  cm.

The width of the rectangle is  cm.

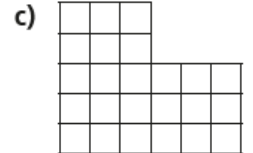
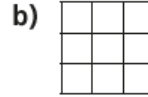
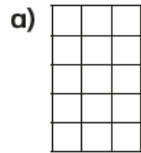
The total number of squares in the rectangle is .

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

## Varied Fluency 2

Work out the area of each of the shapes.

Each square represents  $1 \text{ cm}^2$ .



$\text{cm}^2$

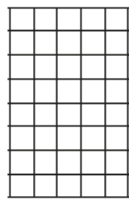
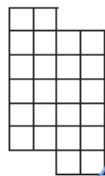
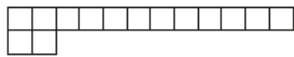
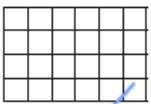
$\text{cm}^2$

$\text{cm}^2$

## Varied Fluency 3

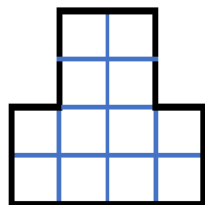
Tick the shapes which have an area of  $24 \text{ cm}^2$ .

Every square represents  $1 \text{ cm}^2$ .



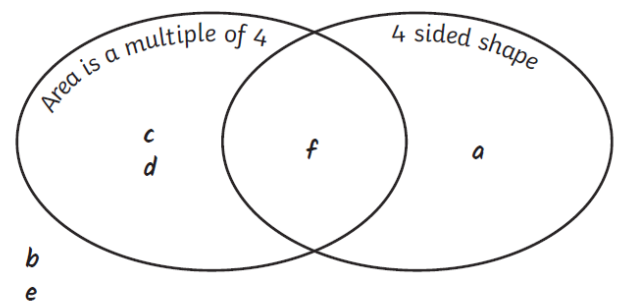
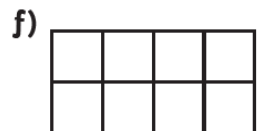
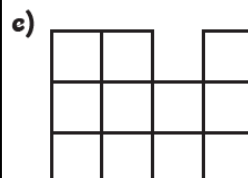
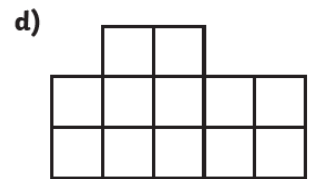
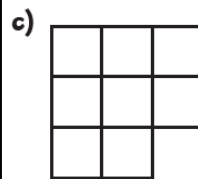
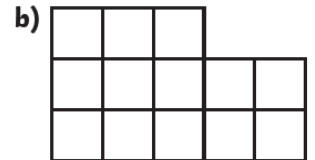
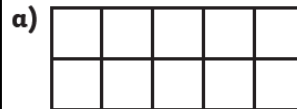
## Varied Fluency 5

True or false? The two shapes below have the same area?



## Varied Fluency 4

Give the area for each shape then complete the Venn diagram with the correct letters for each shape.

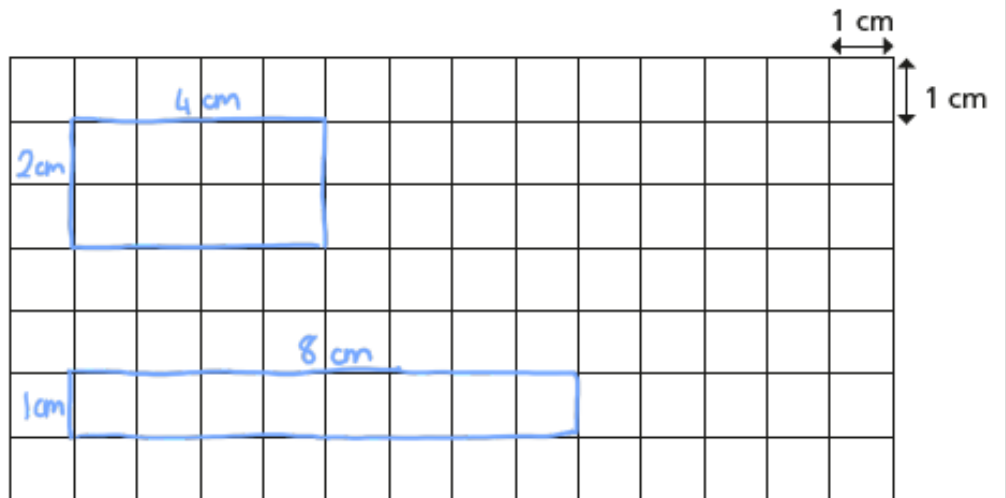


### Varied Fluency 6

Draw two different **rectangles** that have an area of  $8 \text{ cm}^2$ .

Label the side lengths of your rectangles.

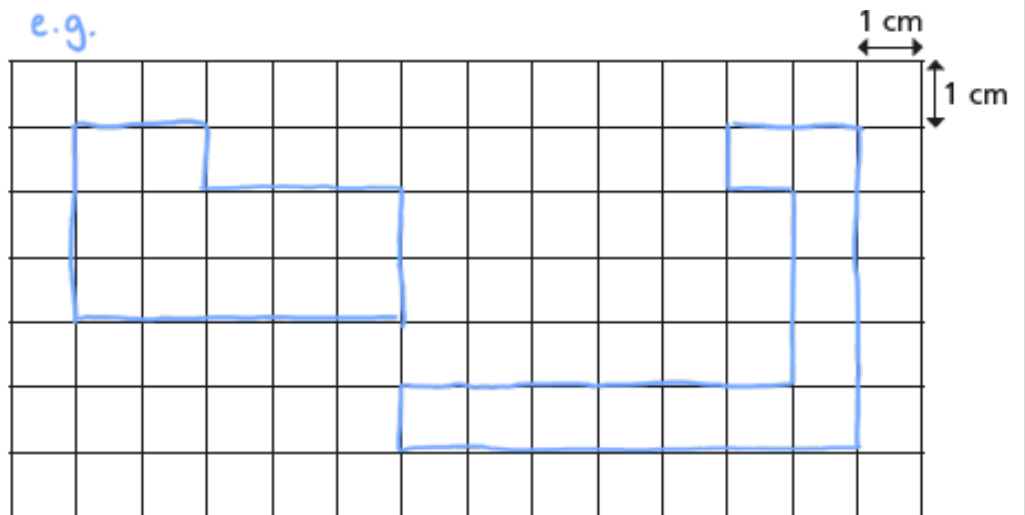
What do you notice?



### Varied Fluency 7

Draw two different **rectilinear** shapes that have an area of  $12 \text{ cm}^2$ .

e.g.



### Varied Fluency 8

Draw a **different shape** that has the **same area** as the one below. *Different possible shapes.*

