

## Worksheet 3

### Measuring Area

- 1 Find the area of each figure, then find its perimeter.  
Fill in the table below.

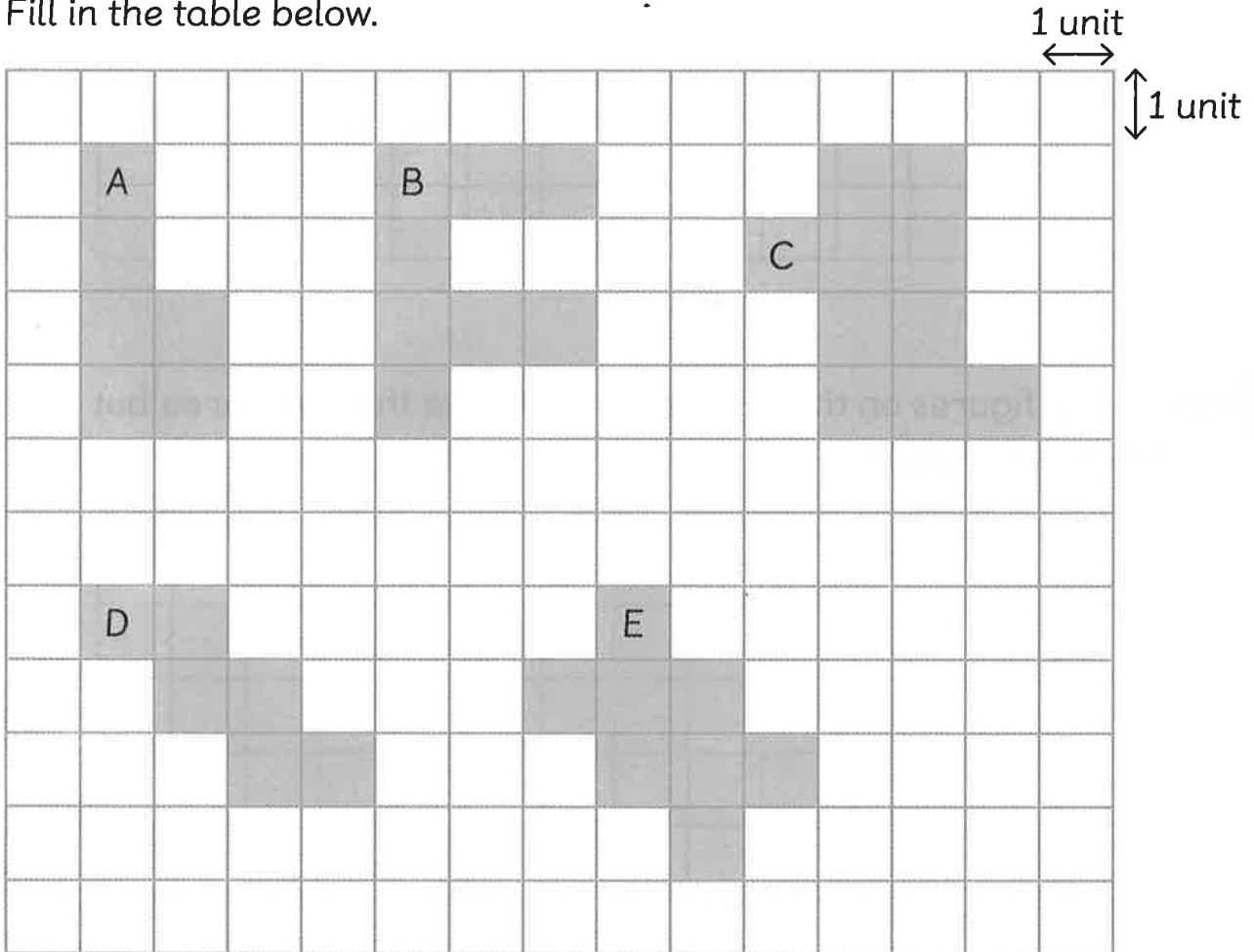
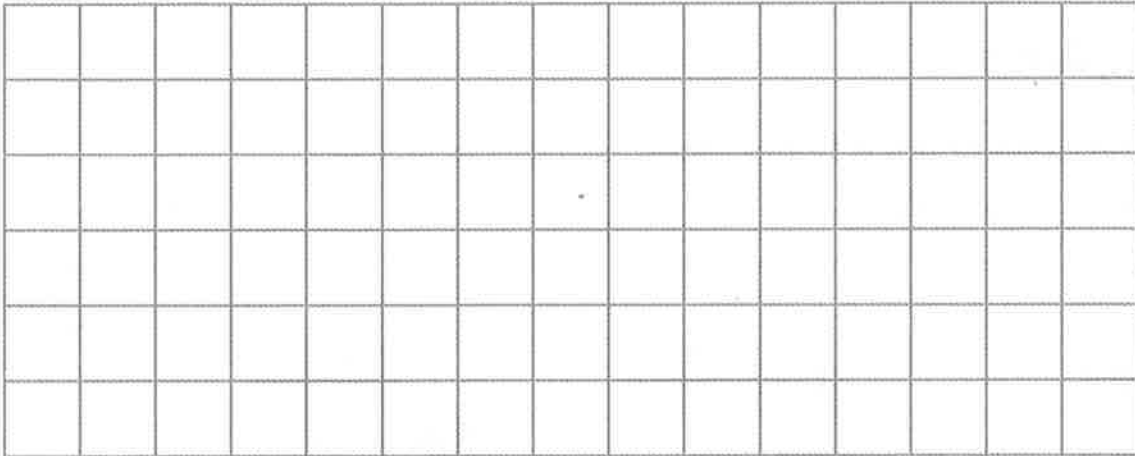
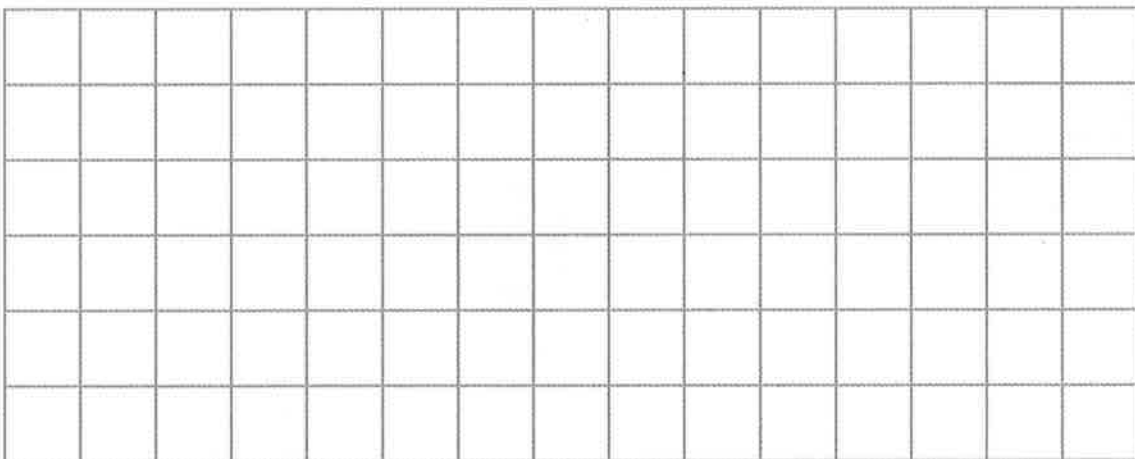


Figure	Area	Perimeter
Figure A	square units	units
Figure B	square units	units
Figure C	square units	units
Figure D	square units	units
Figure E	square units	units

- 2 Draw two figures on the grid below that have both the same area and the same perimeter.



- 3 Draw two figures on the grid below that have the same area but different perimeters.



24.02.2021

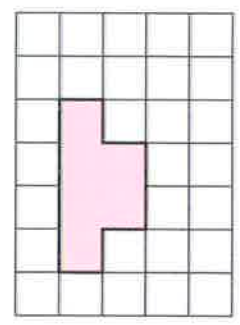
# Making shapes



- 1 Draw a shape with the given area.
  - a) area = 7 squares
  - b) area = 13 squares



- 2 Draw two different shapes, each with an area of 8 squares.

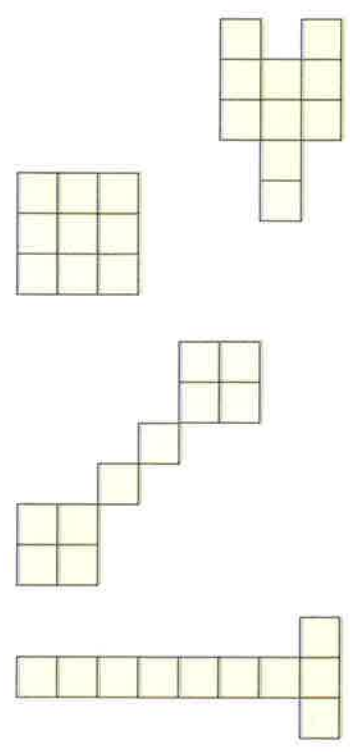


- 3 Shade more squares to make the area 11 squares.



- 4 Amir has created a shape.

Tick the shapes that Amir could have made.



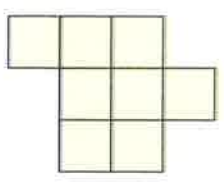
- 5 Do you agree with Whitney? Draw a picture to support your answer.



- 6 Draw two different rectangles, each with an area of 12 squares.



- 7 a) Add squares to this shape to make it into a square.



- b) What is the area of the square you have made?
- c) How could you make a larger square?



How many more squares do you need to add?  
Show your working.

I cannot make a large square using an odd number of smaller squares.



Do you agree with Whitney?

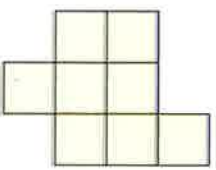
Draw a picture to support your answer.



5

6 Draw two different rectangles, each with an area of 12 squares.

7 a) Add squares to this shape to make it into a square.



b) What is the area of the square you have made?

c) How could you make a larger square?

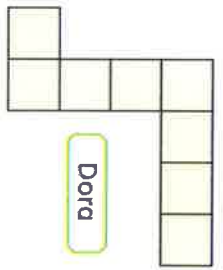
How many more squares do you need to add?

Show your working.

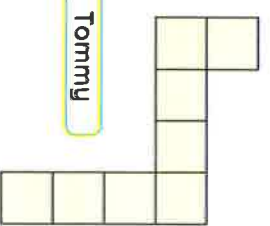


8

Dora and Tommy have drawn rectilinear shapes.



Dora



Tommy

Tommy says he has made a different shape with the same area.

Do you agree with Tommy?

Explain your answer.



9

Use six square sticky notes or square shapes.



Make as many different rectilinear shapes with the squares as you can.

Draw some of your shapes.

Compare answers with a partner.

