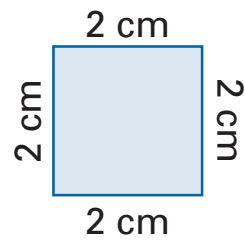


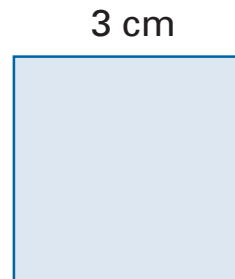
## Measuring perimeters

Work out the length of the sides and the perimeters of these shapes.



Each side of this square is  long

It has a perimeter of



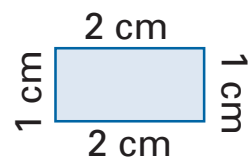
Each side of this square is  long

It has a perimeter of

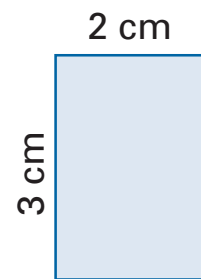


This square has a perimeter of

Each side is  long



This rectangle has a perimeter of



This rectangle has a perimeter of

A square has a perimeter of 20 cm what length are its sides?

A rectangle has a perimeter of 20 cm what length could its sides be?

and

Remember to take your homework to school to show your teacher.

Your teacher will give you this homework sheet back, so you can keep it at home to play again and again!

## Shapes and perimeter

Name .....

Children learn a lot about angles when they are creating, and measuring shapes. The activities on this homework sheet will help your child learn about geometry. Your child will practise:

- drawing 2-D shapes
- recognising angles as a property of shape
- identifying right angles
- measuring the perimeter of 2-D shapes

When parents show interest in their children's work, those children often feel more confident in class. So you can help your child's progress by doing these activities together, and talking with them about the maths.

### Finding right angles

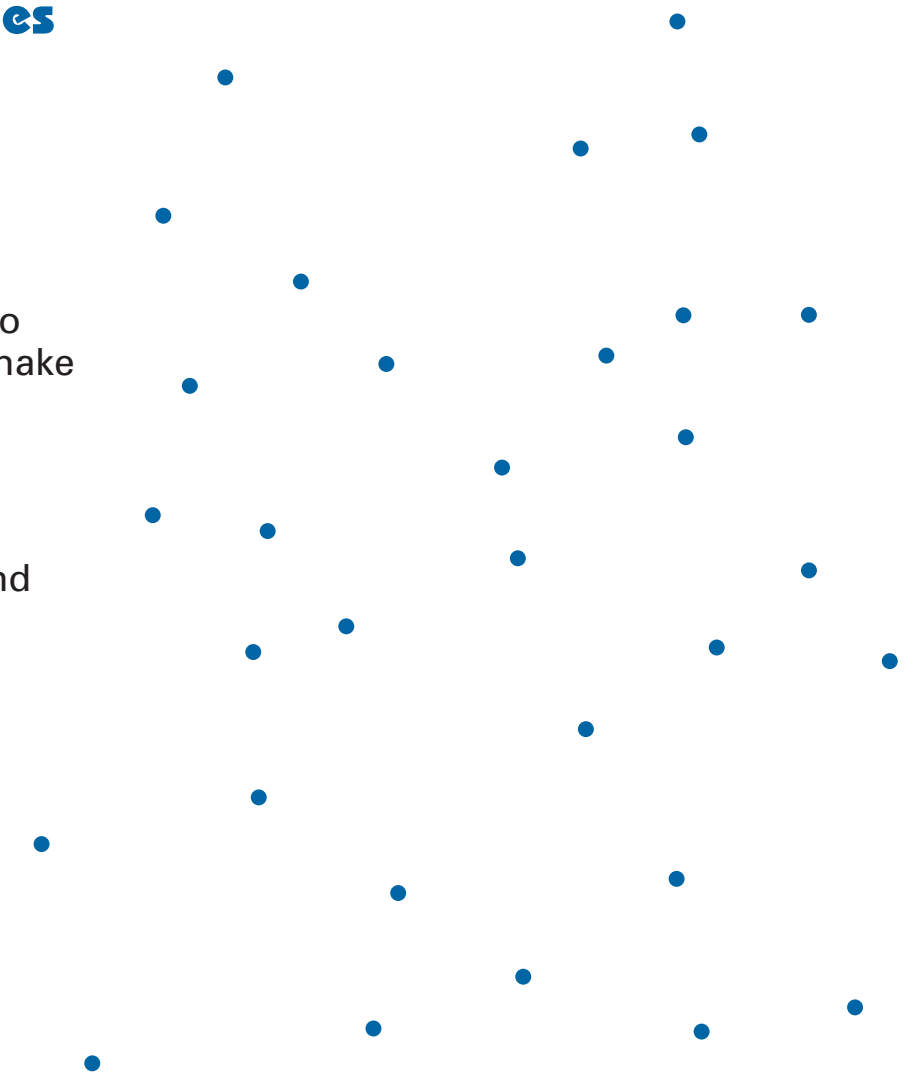
#### You need

- a ruler
- a pencil

Use a ruler and pencil to connect some dots to make

- 3 right angles
- 3 different triangles

Connect some dots to make 3 more shapes and name them.

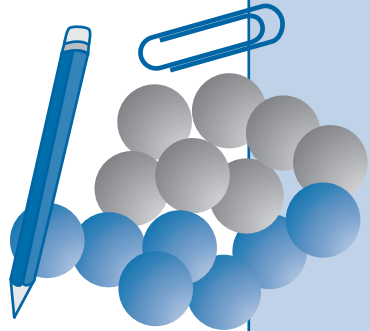


Make your own dotty paper and draw some right angles.

# The shape game

for 2 players

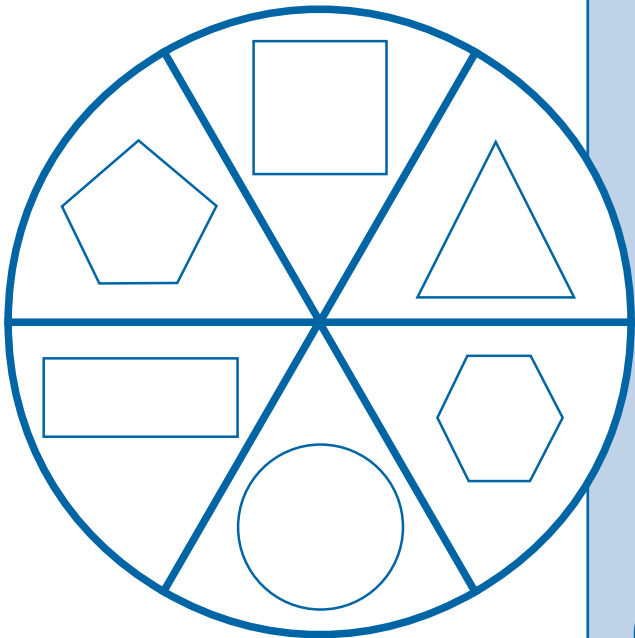
- You need**
- counters in two colours
  - pencil and a paper clip



**Take turns to**

- spin the spinner and name the shape you get
- choose a box on the grid where the words describe that shape
- put one of your counters there

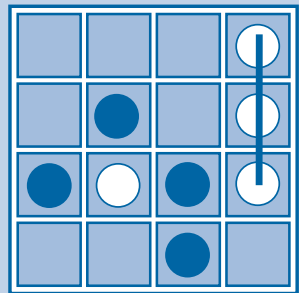
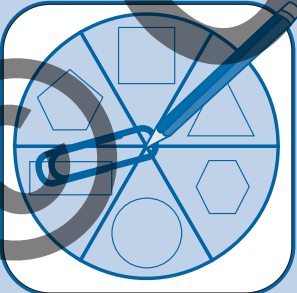
The first person to get three counters in a line is the winner.



**Other things to try**

- Don't spin the spinner. Just choose a box on the grid to put your counter, and name a shape that fits the description written there.

|                 |                    |                      |                     |
|-----------------|--------------------|----------------------|---------------------|
| 4 sides         | all straight sides | hexagon              | 6 sides             |
| pentagon        | all right angles   | parallel sides       | 3 sides             |
| 5 sides or more | 4 equal sides      | angles less than 90° | all angles the same |
| triangle        | circle             | fewer than 6 sides   | no straight sides   |



**Sample game**  
White wins.

**I played the game**

with \_\_\_\_\_

Signed \_\_\_\_\_