

PROPERTY OF SHAPE - DAY 4

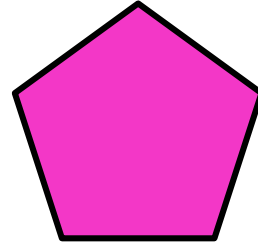
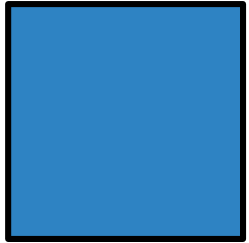
To be able to identify various quadrilaterals

SUCCESS CRITERIA

- ✓ I can identify and name various quadrilaterals including squares, rectangles, parallelograms, rhombuses and trapeziums
- ✓ I can explain my reasoning when identifying and naming various quadrilaterals including squares, rectangles, parallelograms, rhombuses and trapeziums

STARTER

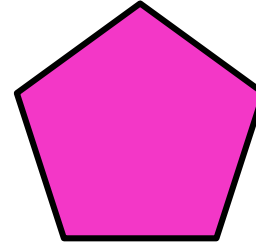
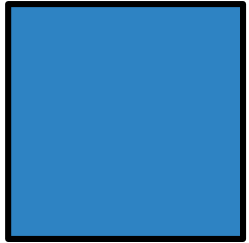
Which one doesn't belong?



Explain your answer.

STARTER

Which one doesn't belong?



The pink shape doesn't belong as it is a pentagon, whereas the orange square, yellow rectangle and purple parallelogram are all quadrilaterals.

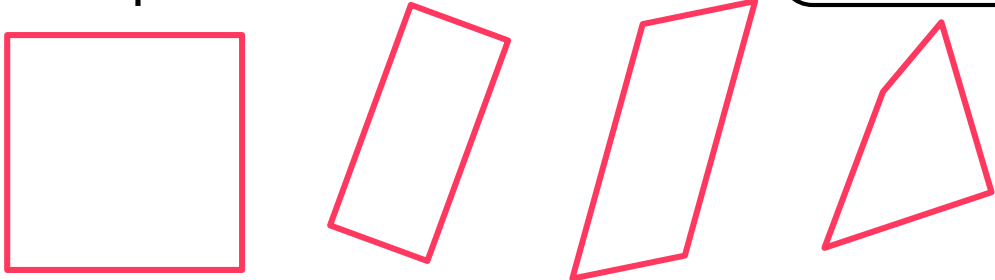
ACTIVITY 1

Complete the Frayer Model below.

definition:			characteristics:
		quadrilateral	
example:			non-examples:

ACTIVITY 1

Complete the Frayer Model below.

definition: An enclosed two-dimensional shape that has four sides and four angles.	characteristics: - shape made of four straight lines - enclosed shape with four angles
example: 	non-examples: 

quadrilateral

ACTIVITY 2

Find definitions and examples for the following types of quadrilaterals:

- a) square -
- b) rectangle -
- c) parallelogram -
- d) rhombus -
- e) trapezium -

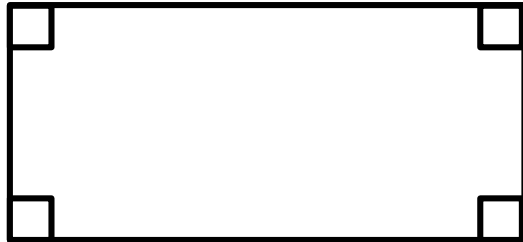
ACTIVITY 2

Find definitions and examples for the following types of quadrilaterals:

- a) square - a shape with four sides that are all the same length and four corners that are all right angles.
- b) rectangle - a four-sided shape whose corners are all ninety degree angles. Each side of a rectangle is the same length as the one opposite to it.
- c) parallelogram - a four-sided shape in which each side is parallel to the side opposite it.
- d) rhombus - a shape that has four equal sides but is not a square.
- e) trapezium - a quadrilateral having two parallel sides of unequal length.

TALKING TIME

Shade in the correct name for the shape shown below.



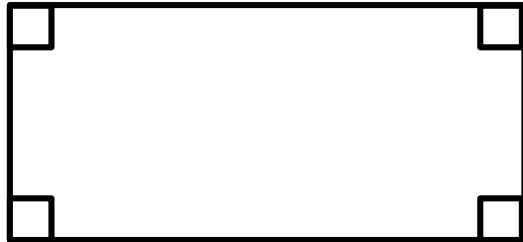
rectangle

square

parallelogram

TALKING TIME

Shade in the correct name for the shape shown below.



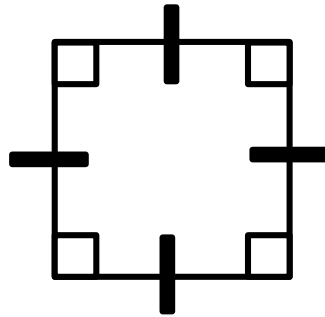
rectangle

square

parallelogram

TALKING TIME

Shade in the correct name for the shape shown below.



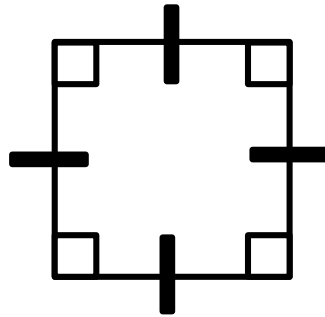
rectangle

square

parallelogram

TALKING TIME

Shade in the correct name for the shape shown below.



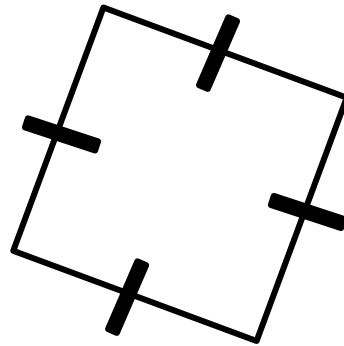
rectangle

square

parallelogram

TALKING TIME

Shade in the correct name for the shape shown below.



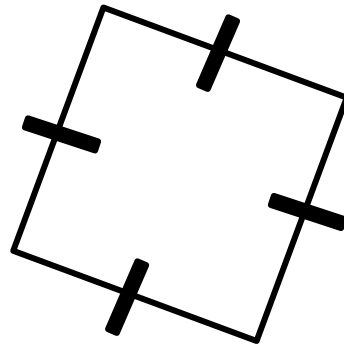
rhombus

trapezium

pentagon

TALKING TIME

Shade in the correct name for the shape shown below.



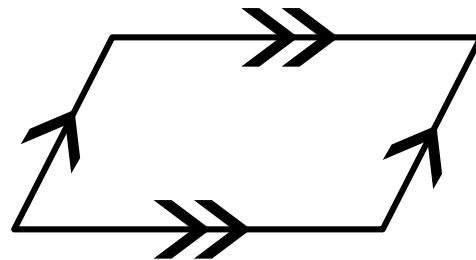
rhombus

trapezium

pentagon

TALKING TIME

Shade in the correct name for the shape shown below.



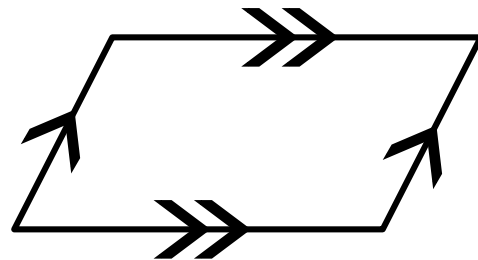
rhombus

trapezium

parallelogram

TALKING TIME

Shade in the correct name for the shape shown below.



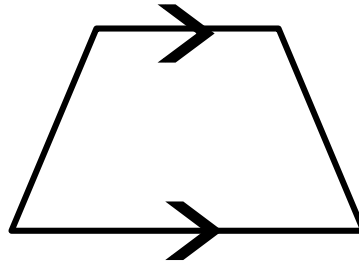
rhombus

trapezium

parallelogram

TALKING TIME

Shade in the correct name for the shape shown below.



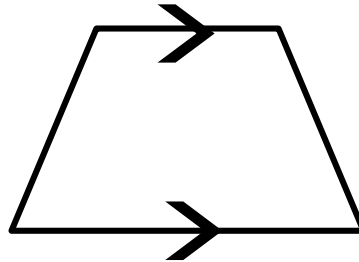
rhombus

trapezium

parallelogram

TALKING TIME

Shade in the correct name for the shape shown below.



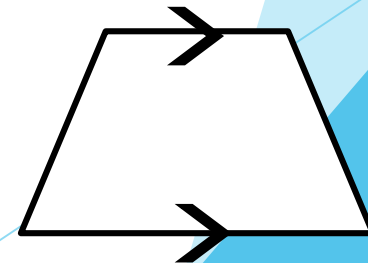
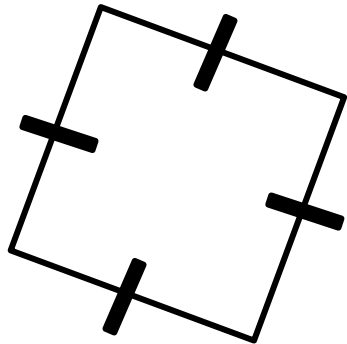
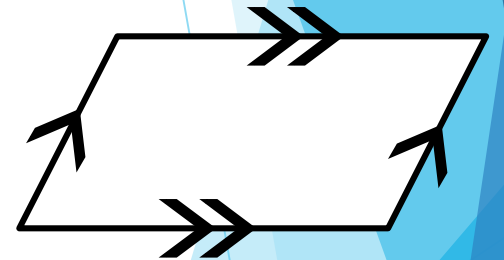
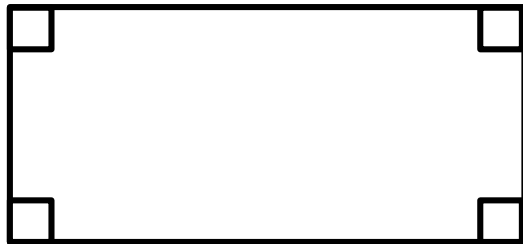
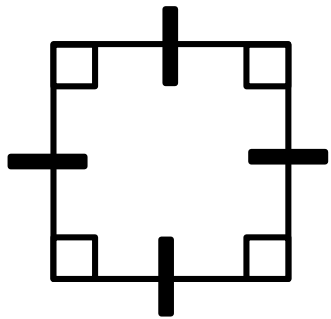
rhombus

trapezium

parallelogram

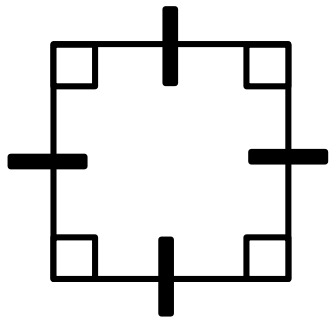
ACTIVITY 3

Label each of the quadrilaterals below.



ACTIVITY 3

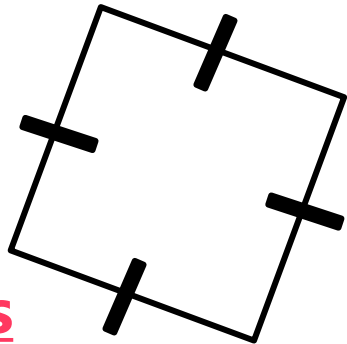
Label each of the quadrilaterals below.



square

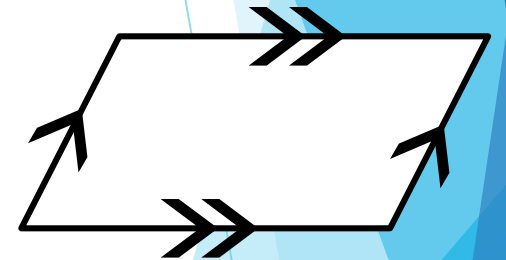


rectangle

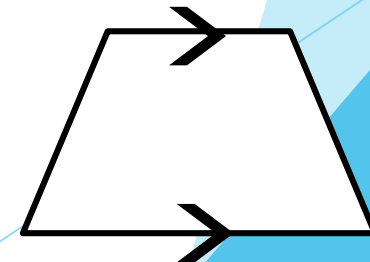


rhombus

parallelogram

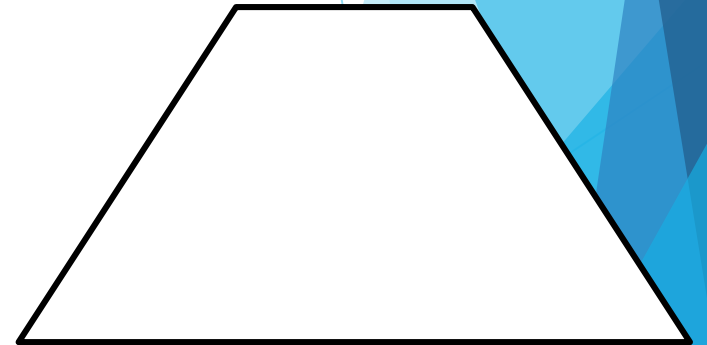
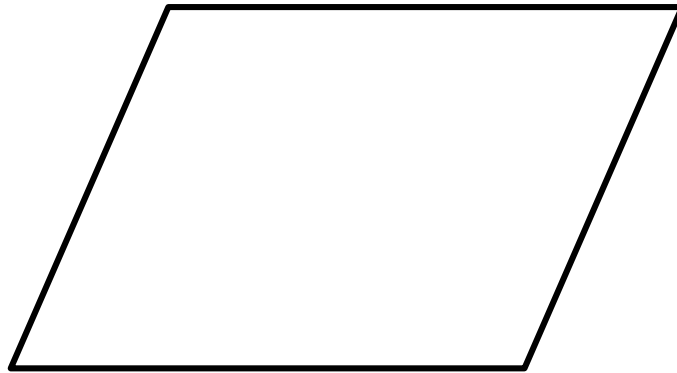
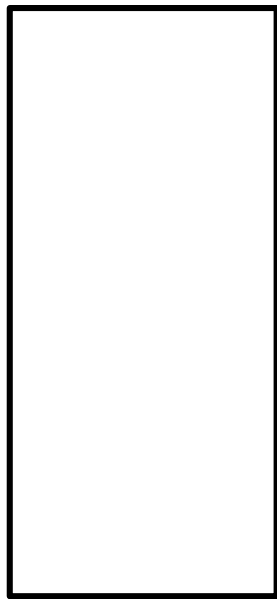
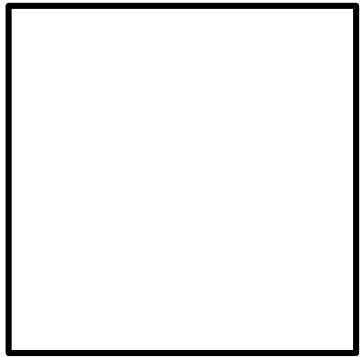


trapezium



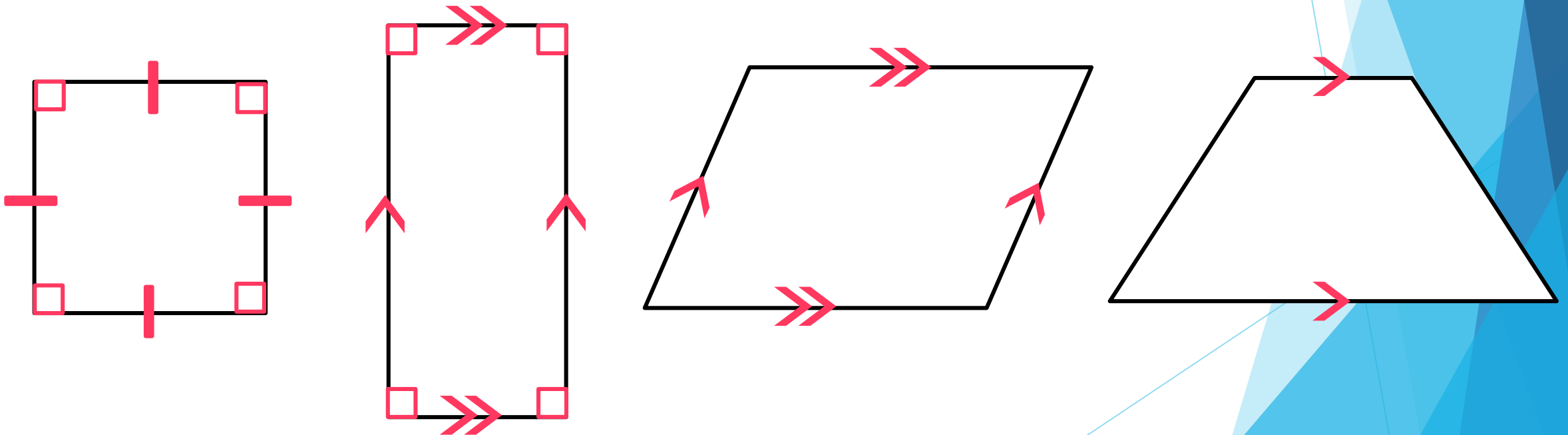
ACTIVITY 4

Mark all the shapes with the relevant right angle, parallel and equal sides symbols.



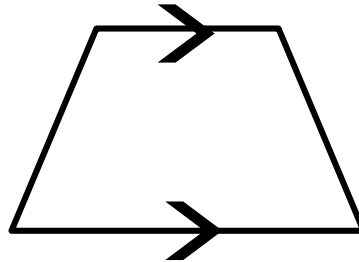
ACTIVITY 4

Mark all the shapes with the relevant right angle, parallel and equal sides symbols.



TALKING TIME

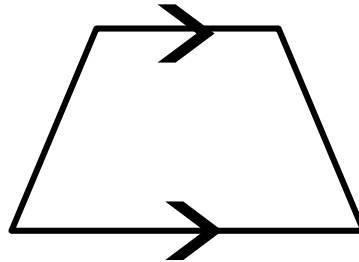
Complete the sentence below.



The polygon shown has ____ pair(s) of parallel lines.

TALKING TIME

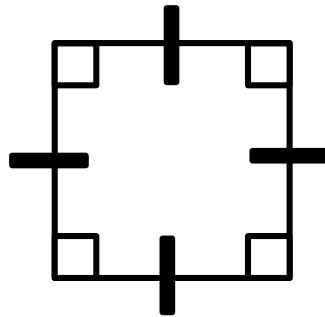
Complete the sentence below.



The polygon shown has one pair(s) of parallel lines.

TALKING TIME

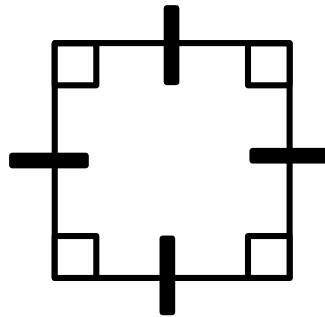
Complete the sentence below.



The polygon shown has ___ right angles.

TALKING TIME

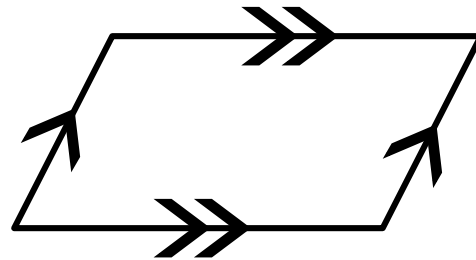
Complete the sentence below.



The polygon shown has four right angles.

TALKING TIME

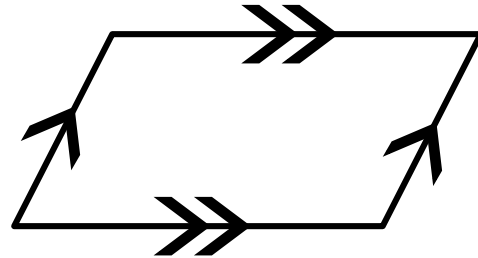
Complete the sentence below.



The polygon shown has ____ pair(s) of equal sides.

TALKING TIME

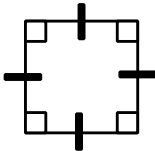
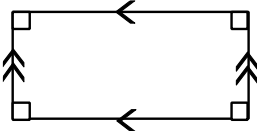
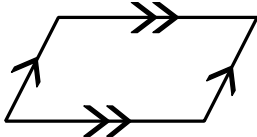
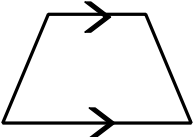
Complete the sentence below.



The polygon shown has two pair(s) of equal sides.

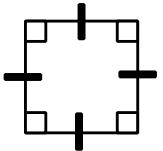
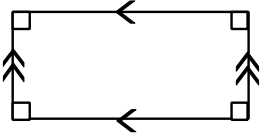
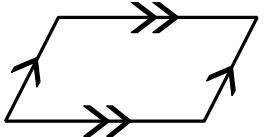
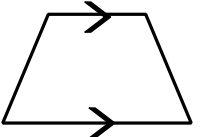
ACTIVITY 5

Complete the table below.

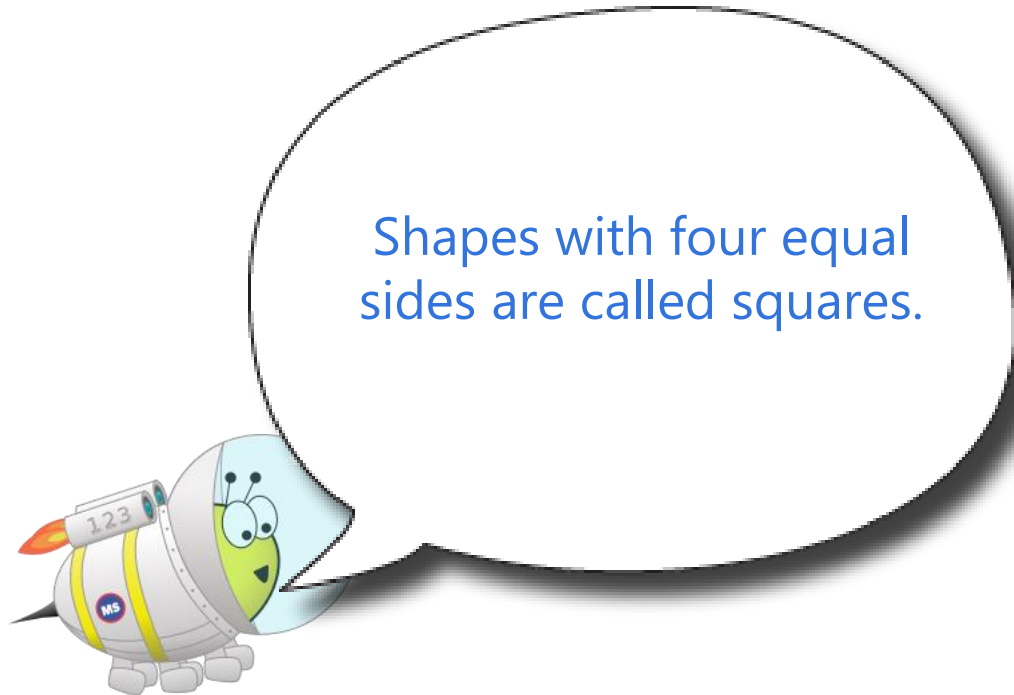
image	right angles	parallel sides	equal sides
	4	two pairs	4
			
			
			

ACTIVITY 5

Complete the table below.

image	right angles	parallel sides	equal sides
	4	two pairs	4
	<u>4</u>	<u>two pairs</u>	<u>two pairs</u>
	<u>0</u>	<u>two pairs</u>	<u>two pairs</u>
	<u>0</u>	<u>one pair</u>	<u>one pair</u>

EVALUATION



Is Astrobee's statement always, sometimes or never true?
Explain your answer.

EVALUATION

A small, white, egg-shaped robot with a green face, antennae, and a rocket-like body with a red flame. It has the number '123' on its side and a NASA logo. It is pointing towards a large speech bubble.

Shapes with four equal sides are called squares.

Astrobee's statement is only sometimes true. Although squares are four equal-sided shapes, rhombuses are also shapes with four equal sides, but aren't (always) squares.