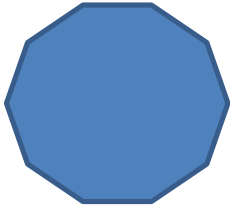


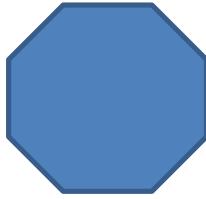
CHALLENGE 1:

Write down the name of each shape and how many sides it has.

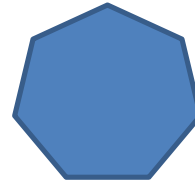
1.



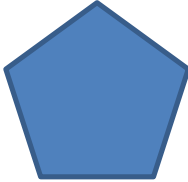
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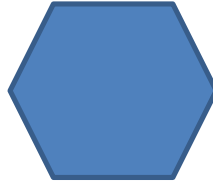
3.



4.

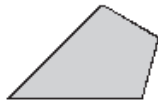
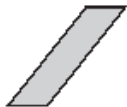


5.



CHALLENGE 2:

Here are six quadrilaterals



1. Jade chooses one of the quadrilaterals.

She says *'It has two acute angles.'*

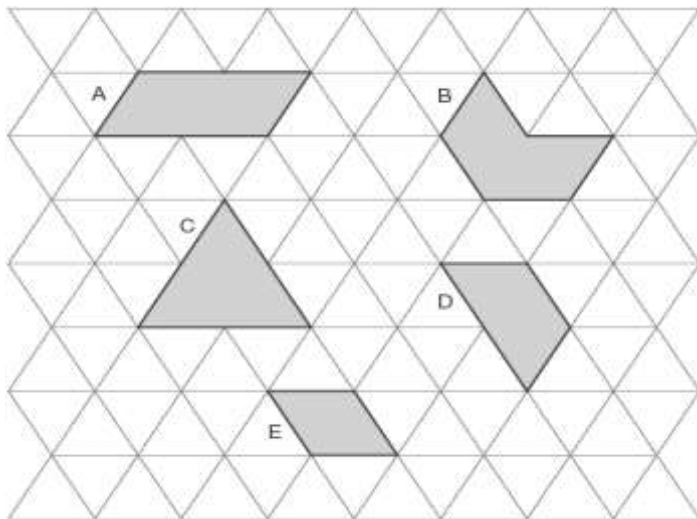
All four sides are the same length.' Which quadrilateral did Jade choose?

2. Mark chooses one of the quadrilaterals.

He says, *'It has more than one obtuse angle. It has no parallel sides.'*

Which quadrilateral did Mark choose?

CHALLENGE 3:



1. Write the letter of the shape that is a rhombus
2. Write the letter of the shape that has one pair of parallel sides.
3. Write the letters of the shapes that are not quadrilaterals.

CHALLENGE 4:

Ahmed wants to build an outdoor for his rabbit. He has decided that it will go against a wall.

Ahmed has some planks of wood to use for the other sides of the run. Some of the planks are 4m, some are 5m and some are 6m.

If he uses three planks, he will be able to make the rabbit run in the shape of a quadrilateral.

- What quadrilaterals would he be able to make if he uses three planks the same length?
- What quadrilaterals would he be able to make if he uses three planks which are all different lengths?

It may be helpful to draw the shapes out using $1\text{cm} = 1\text{m}$