Monday 13th July 2020 Y4 Maths

Good morning Y3s, I hope you've had a good weekend.

Here is your maths for today.

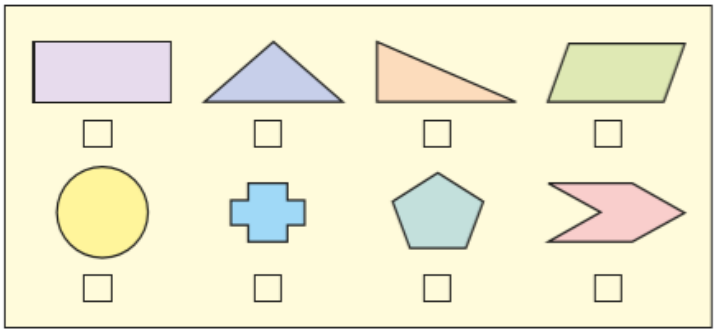
Follow the link to https://whiterosemaths.com/homelearning/year-4/ Summer Week 12 - Lesson 1 and watch the teaching video **'Lines of symmetry'.**

Think about the symmetry lesson on Friday last week in school and remember to use a ruler and be as accurate as you can when you draw lines of symmetry.

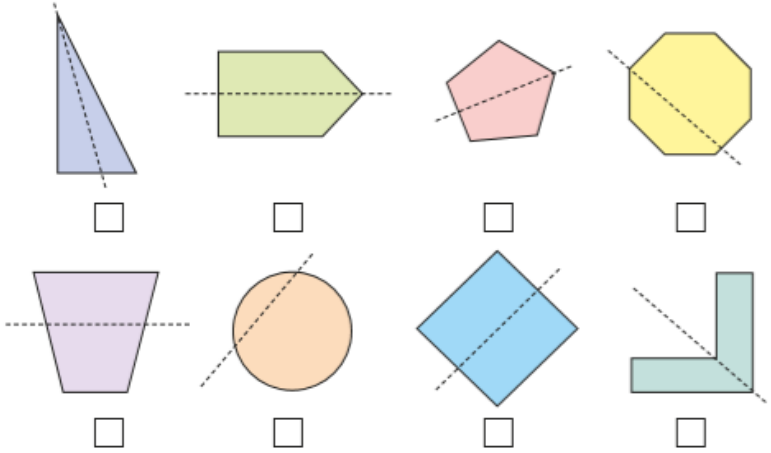
There is also challenge below.

Lines of symmetry

1 Tick the shapes that have at least one line of symmetry.



2 Tick the shapes that show a correct line of symmetry.



How did you know which shapes to tick?

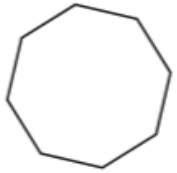
3 Draw one line of symmetry on each shape.

a)

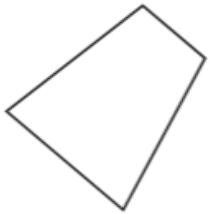
b)

c)

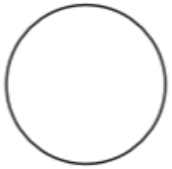
d)



e)



f)



g)

h)

Is there more than one possible answer for each?

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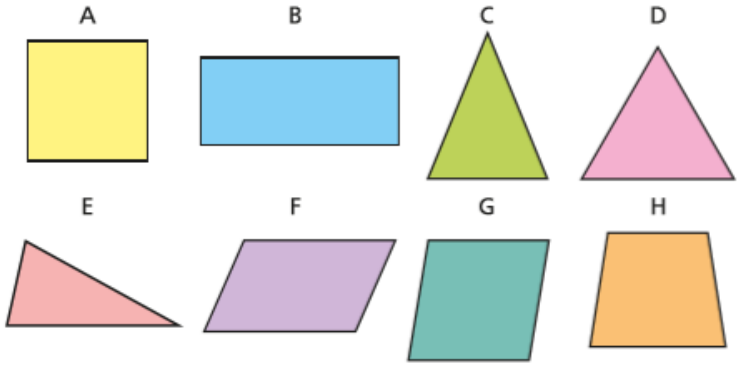
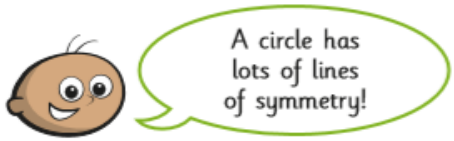
4 Sort the shapes into the table.

The first one has been done for you.



	1 line of symmetry	More than 1 line of symmetry	No lines of symmetry
Triangle			
Quadrilateral		A	

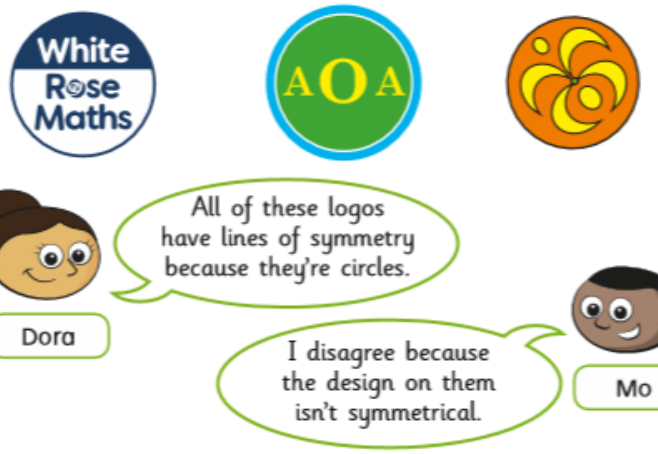
5 Tommy is folding a paper circle to find lines of symmetry.



Do you agree with Tommy? _____

Talk about it with a partner.

6 Here are 3 logos.



Who do you agree with? _____

Talk about it with a partner.

7 Shade a maximum of 8 squares to make a symmetrical shape.

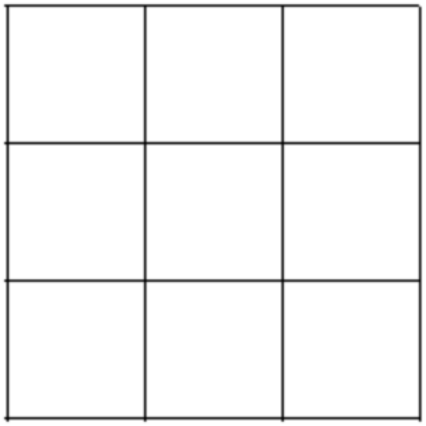
Compare answers with a partner. How many different shapes can you make?

Symmetry Challenge

Age 7 to 11 ★★★

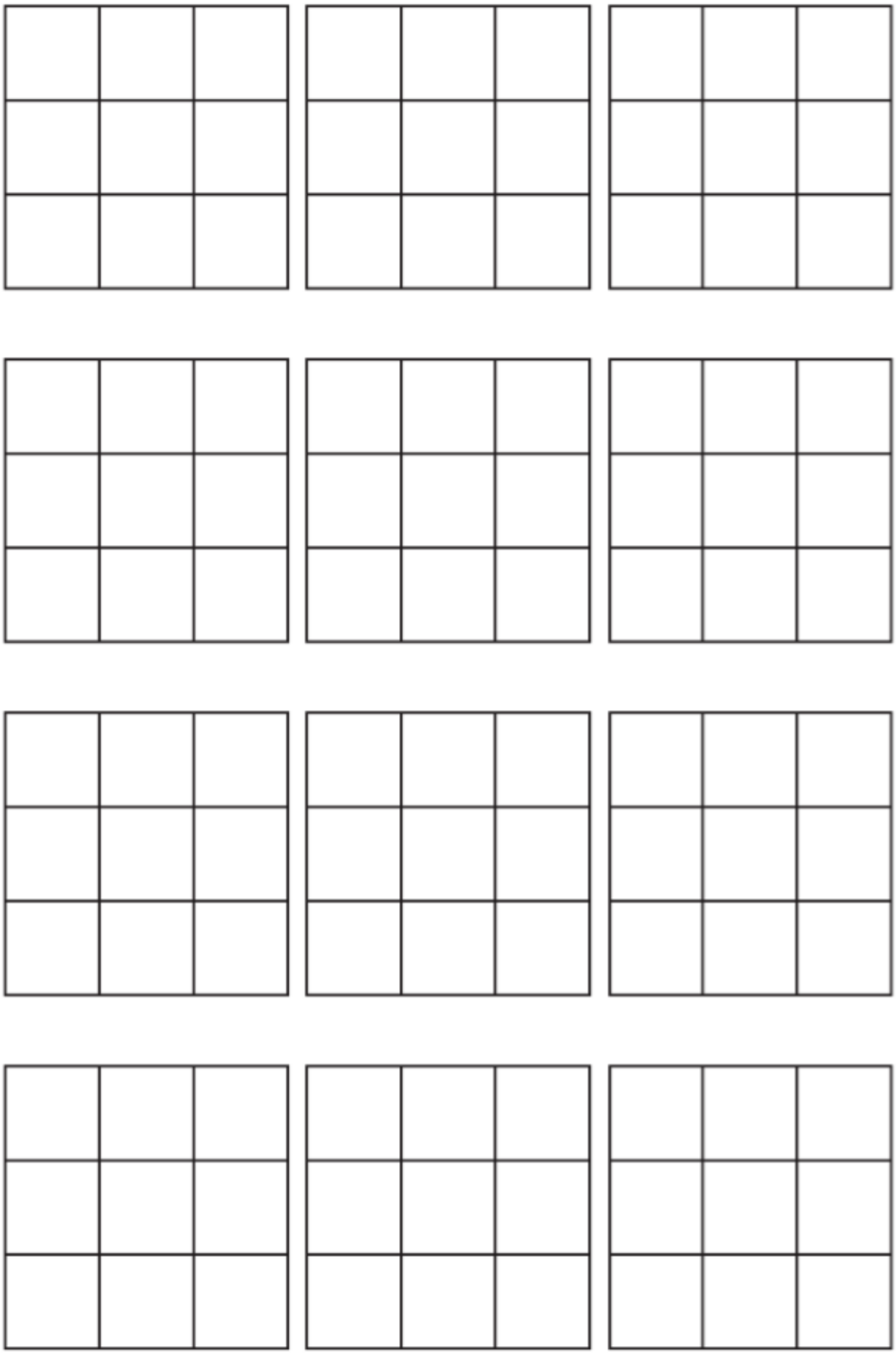
Systematically explore the range of symmetric designs that can be created by shading whole squares of the grid below.

You could use this sheet of blank grids to record your results, or simply squared paper.



How many can you find?

Symmetry Challenge



Lines of symmetry

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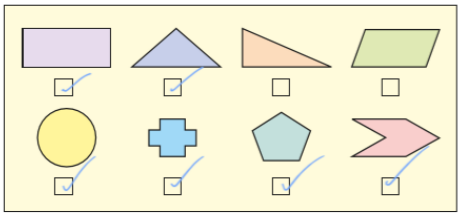

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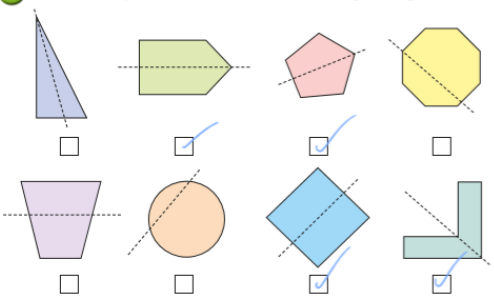


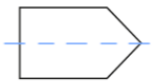
How did you know which shapes to tick?

3 Draw one line of symmetry on each shape.

e.g.

a)

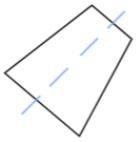
b)



c)

d)

e)



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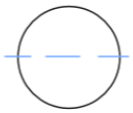

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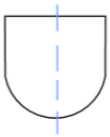

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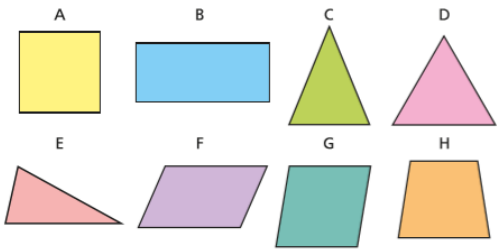

	1 line of symmetry	More than 1 line of symmetry	No lines of symmetry
Triangle	C	D	E
Quadrilateral	H	G A B	F

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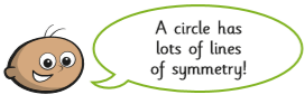

Do you agree with Tommy? yes

Talk about it with a partner.

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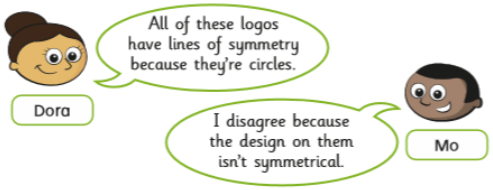

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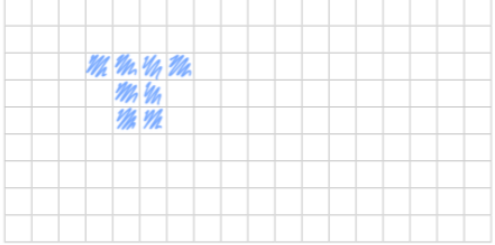

Compare answers with a partner. How many different shapes can you make?