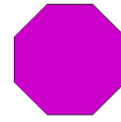
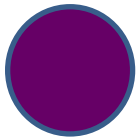


08.06.20 P2 SHAPE -ANSWERS

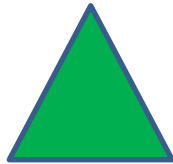


WALT identify and name some 2D shapes and talk about them. (MTH 1-16a)

2D shape: From last week's work, can you what the "D" stands for? **Dimensional** – the 2 dimensions are length and width.



circle



triangle



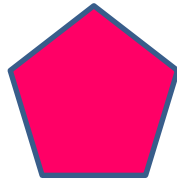
square



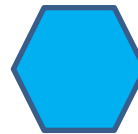
rectangle



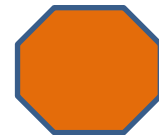
semi-circle



pentagon



hexagon



octagon

Did you know that any 2D shape with just straight sides is called a **polygon**? Nice word 😊.

Questions:

1. Which of the 2 shapes shown above are **NOT** polygons? The **circle** and **semi-circle** because they have curved sides.
2. What shape am I? I have 4 straight sides, 2 are long and 2 are short and I have 4 corners. a **rectangle**
3. What shape am I? I have 1 curved side and no corners. a **circle**
4. What shape am I? I have 5 straight sides and 5 corners. a **pentagon**

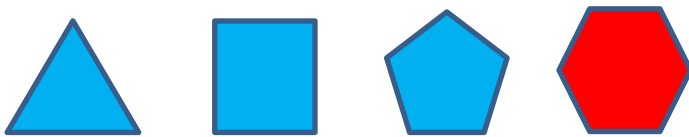
5. What shape am I? I have one curved side and one straight side. **semi-circle**

6. What shape am I? I have 3 straight sides and 3 corners. a **triangle**

7. Can you give a “What shape am I?” description for an octagon? **I have 8 straight sides and 8 corners.**

8. Which animal, which lives in the ocean, has 8 legs? An **octopus**. Can you see any connection with the name of one of the shapes? **Octagon** and **octopus** – one has 8 sides and 8 corners, the other has 8 legs – **octa** comes from the **Greek and Latin languages and means 8**. (**October used to be the 8th month in the Roman calendar although it is now the 10th month in our calendar.**)

9. What is the next shape in this sequence and why?



It is the **hexagon** because it goes from a 3 sided triangle, 4 sided square, 5 sided pentagon – so we are adding one more side each time.

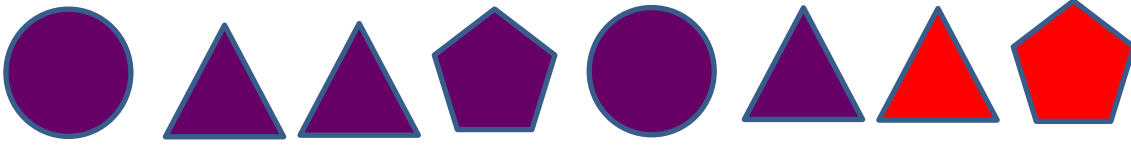
10. I noticed that most baths are a sort of rectangle shape. Why do you think designers have made them this way? **I think it is because our bodies, when we lie flat, are sort of rectangular, so fit in better than say a triangle shape. Also it is easier to fit a rectangle into a square/rectangular shaped bathroom with straight walls. What did you think?**

11. Wheels on bikes, cars, trucks and trains tend to be like circles. Why is this do you think? **Circular shapes roll better and smoother.**

12. Complete the following patterns:



triangle square



triangle pentagon



rectangle hexagon

****Challenge : Make up some shape patterns for someone. Can they say which shape will come next and why?**

Can you spot any shape patterns around you in the house, on TV or games, outside? What is the pattern? Is it a good one?

How did you do? What was easy-peasy and what was hard? Why was this?

