

Year 5 Maths Home Learning

Week Four – Day One



Warm up – Calculation Mix.

Main Learning – Regular and Irregular Polygons.

Warm up - Calculation Mix

Complete these calculations using an appropriate method.

1) $28.32 + 9.573 + 458.7$

2) $63.58 - 27.326$

3) 37×26

4) 395×48

5) $9357 \div 6$



Distinguish between regular and irregular polygons.

What is a polygon?

A 2D (plane) shape that has three or more straight sides.

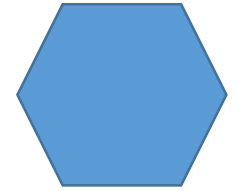
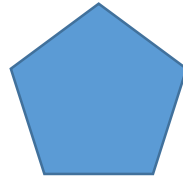
What makes a polygon regular or irregular?

Regular = all sides are equal in length and all angles are equal in size.

Irregular = sides are different lengths and angles are different sizes.

? Which other type of triangle would be irregular?

Give me some examples...



Give me some names...

rhombus

pentagon

triangle

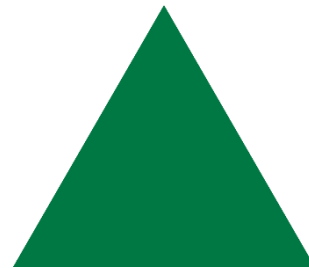
nonagon

trapezium

parallelogram

hexagon

Spot the difference...



Equilateral triangle is regular.



Isosceles triangle is irregular.

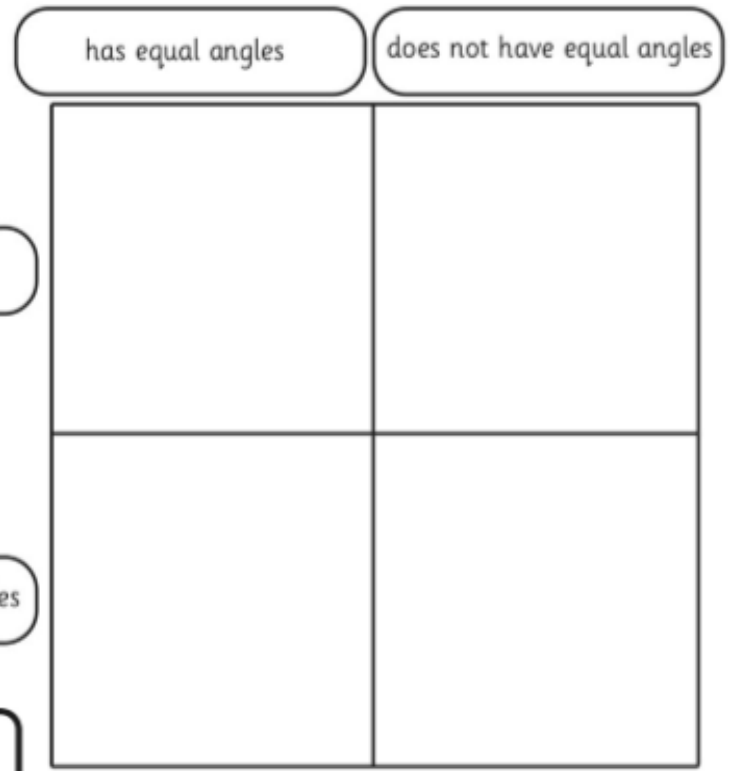
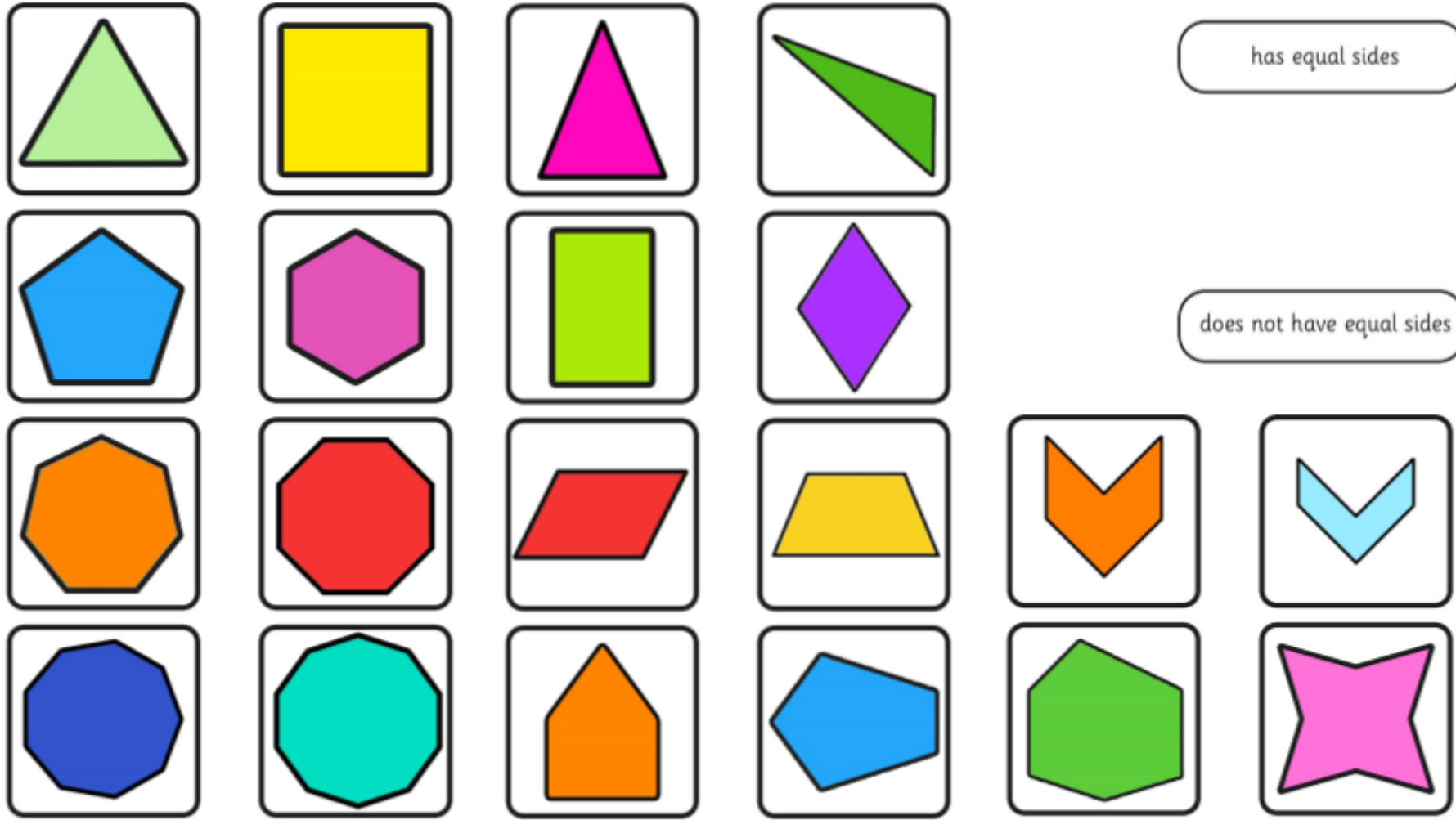
pentagons



regular

irregular

Have a try sorting these shapes into the Carroll diagram.
 (You will probably need to draw it out)



has equal sides

does not have equal sides

**Draw each shape and put it into the correct place in the diagram.
 Which are the regular ones? Which are irregular? Try and name each shape too.**

Don't forget to email your teacher with your answers...

And that is day one of this week complete!!!

Day two...angles!

