Monday 18th May Maths Y4

Good morning Y4s

I hope you have all had a lovely weekend and that you are ready for some maths this morning. Here are the **Mastery** questions about angles. If you manage these, have a go at the Reasoning and Problem solving activities on the next page. (Answers at the end – no peeping!!)

Enjoy!

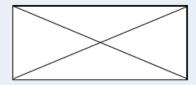
Miss Bamber

If pupils have mastered this objective they will be able to complete these activities independently:

Harry said that he had drawn a triangle which had two obtuse angles within it. Is this true or false? Explain your reasoning.

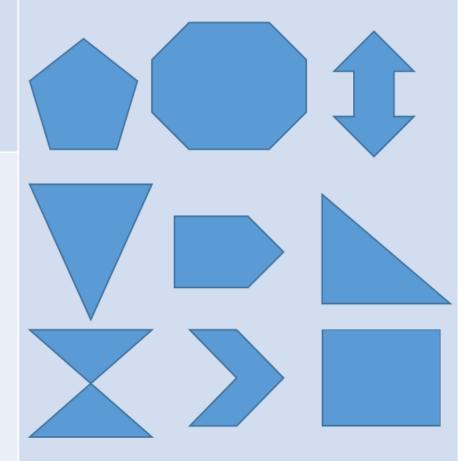
Harry also stated that he had created a triangle that had two right angles. Is this true or false? Explain your reasoning.

Rectangles and Squares



If you draw a line across the diagonals of rectangles or squares how many acute angles do you create?

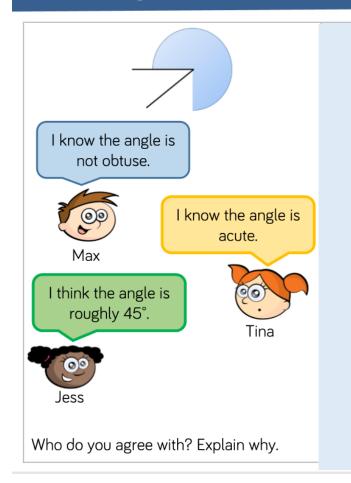
Circle any acute and tick any obtuse angles in the following polygons and shapes:

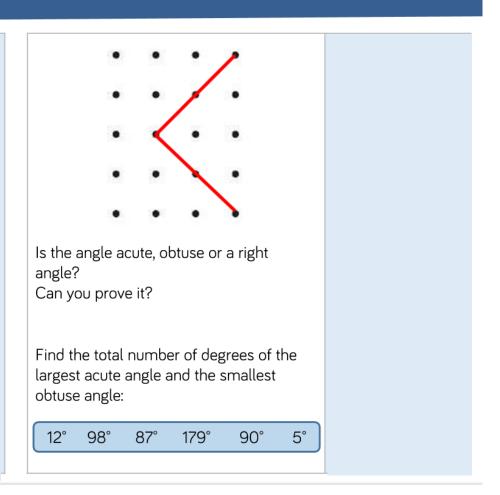


Go through each shape and polygon again and mark each right angle with 'R'.

Identify Angles

Reasoning and Problem Solving





Compare & Order Angles

Reasoning and Problem Solving

Jannat looks at the analogue clock four times during the morning.

The times she sees are:

Eight o'clock

Five past 11

Twenty to eleven

08:15

Draw the times on the clock faces and find the angles less than 180 degrees.

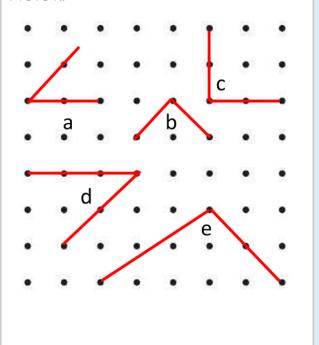


Order the angles from greatest to smallest.

Here are five angles.
There are two sets of

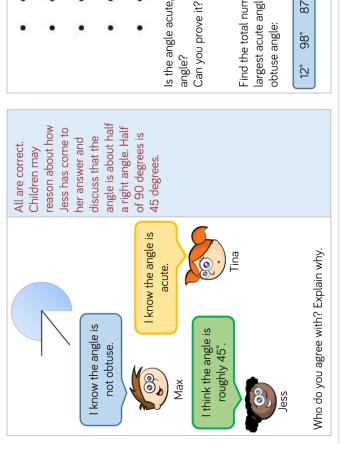
There are two sets of identical sized angles and one odd one out.

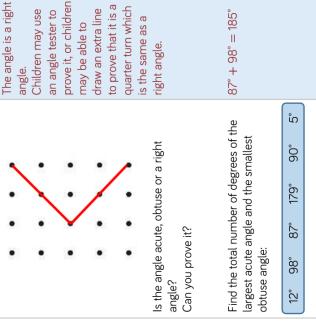
Which angle is the odd one out? Prove it.



Identify Angles

Reasoning and Problem Solving





Compare & Order Angles

Reasoning and Problem Solving

Here are five angles. σ • m Prove it. Five past Twenty to o'clock eleven Eight 08:15 Greatest to smallest Jannat looks at the analogue clock four times during the morning. Draw the times on the clock faces and find the angles less than 180 degrees. Five past 11 08:15 Order the angles from greatest to The times she sees are: Twenty to eleven 10 11 12 1 Eight o'clock 12 H 03 smallest.

Here are five angles.

There are two sets of identical sized angles and one out.

Which angle is the odd one out?

Which angle is the odd one out?

Angle b and c are both right angles.

Angle and d are both half of a right angle 45 degrees.

Angle e is an obtuse angle.