

Year 5/6 shapes



Fast 5

How long will it take you to complete these?

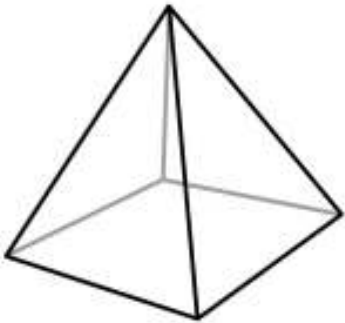
$54 \times 24 =$

$8714 \div 3 =$

17.29 on a 12 hour clock

Faces on a square based pyramid?

$200 \times 70 =$



First watch the video, then play the game:

<https://www.bbc.co.uk/bitesize/topics/zvmxsbk/articles/z98n4qt>



Create your own right-angle monster!

Using a circular object as a template, draw a circle on some scrap paper. Folding in half then in half again you have quarters when you unfold. CAREFULLY, cut out one segment and you have a right-angle! Decorate if you wish.

Now go on the hunt for right angles.

When you have found them what whole shape is it part of?

Is it a regular shape?

Can you name it?

Now:

What is a polygon?

Can a polygon have a curved line?

Name a shape which isn't a polygon.

What makes a polygon irregular or regular?

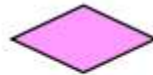
Is a square regular?

Are all hexagons regular?

Regular

Irregular

Sort these shapes



Always, sometimes or never true?

A regular polygon has equal sides but not equal angles.

A triangle is a regular polygon.

A rhombus is a regular polygon.

The number of angles is the same as the number of sides in any polygon.

How many regular and irregular polygons can you find in this picture?

