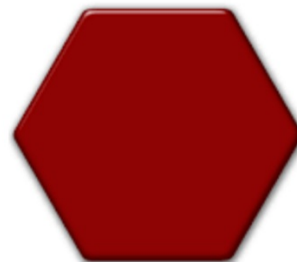
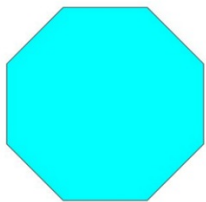
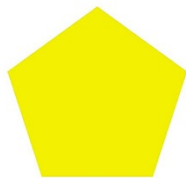
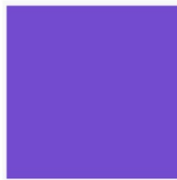
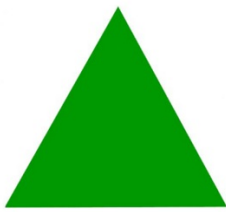


2/2/21

Today we are looking at angles in shapes.

You will need to have the 2D shape sheet open or printed out in front of you.



Finding Angles in Shapes

In Focus

A stop sign is a shape.

How many angles does this shape have?



Let's Learn

- 1 Find all the angles inside the shape. How many angles can you find?



Here is one angle.



Here is another angle.

2

Find the number of sides and angles in Figure A.



Figure A

Figure A has sides.

Figure A has angles.

3


Describe this shape.



How many sides
are there?

How many angles
are there?





How many angles does a triangle have?





Knowing the number of sides a shape has is helpful in finding the number of angles.

Is this true?

Explore this

Use the shape print out.

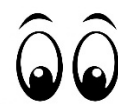
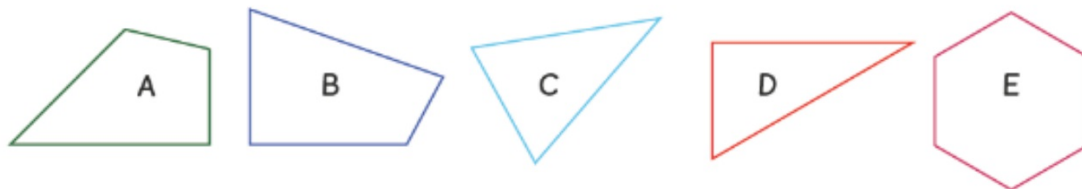
Create a table similar to this and see if there is a pattern.

Knowing the number of sides a shape has is helpful in finding the number of angles.

Number of sides	Number of angles

Guided Practice

How many sides and angles does each shape have?
Mark the angles in each shape.



Watch video clip "Explanation 1"

Play the game with me

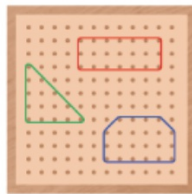
Activity Time

Work in pairs.

What you need:



- ① Form shapes with different numbers of sides.



- ② Mark and count the number of angles in each shape.

What do you observe about the number of sides and the number of angles for each shape?

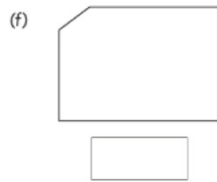
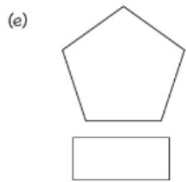
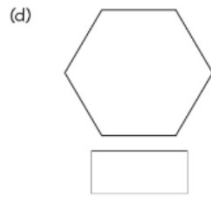
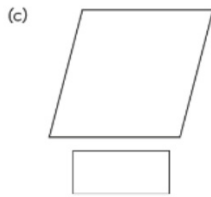
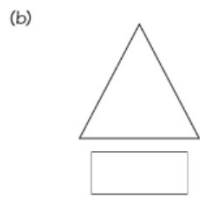
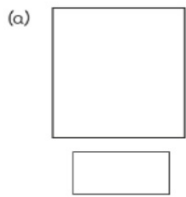


Watch video clip "Game"

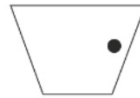


Finding Angles in Shapes

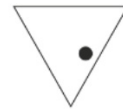
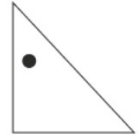
1 Mark all the angles that can be found in the shapes below and state the number of angles in each shape.



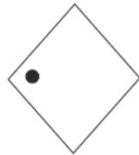
2 Match.



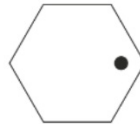
• 3 angles •



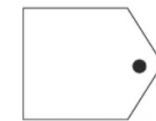
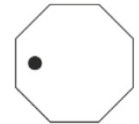
• 4 angles •



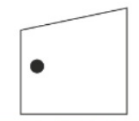
• 5 angles •



• 6 angles •



• More than 6 angles •



Complete the worksheets