

## Practice Sheet Mild

### Draw a block graph



Use the following information to create a block graph.  
Remember to include axis, labels and a title.

Button shape	Number of buttons
Circle	
Square	
Rectangle	
Pentagon	
Hexagon	
Octagon	



#### Challenge

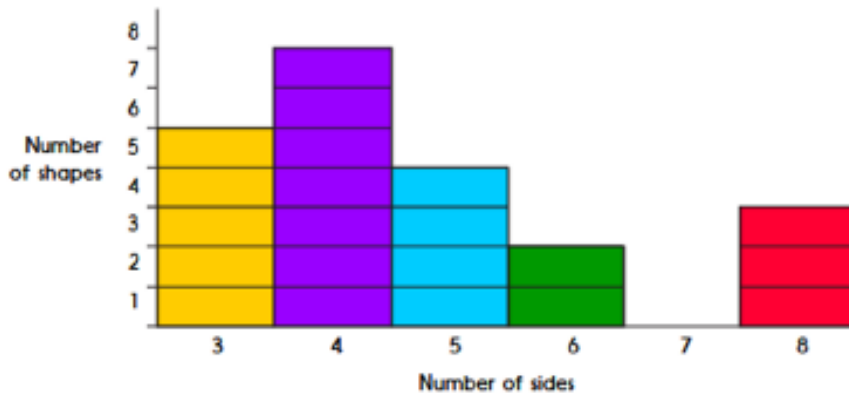
Can you use the graph to make up and answer 3 questions about the shapes?

# Practice Sheet Hot

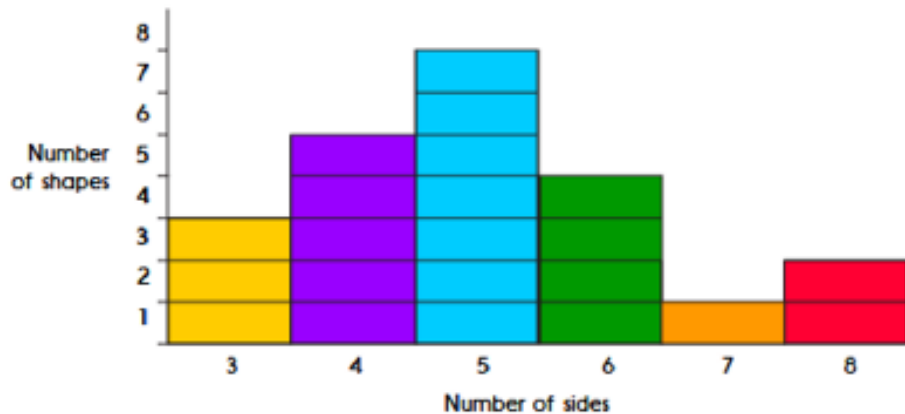
## Shape block graphs

These block graphs were drawn about three different shape pictures

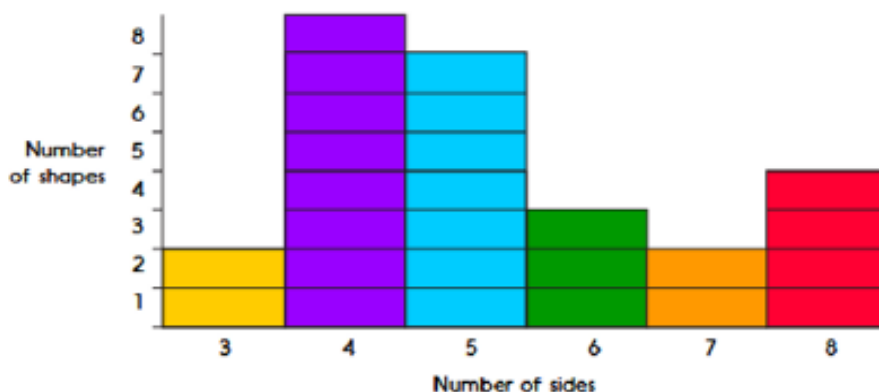
Picture 1



Picture 2



Picture 3



Can you work out which picture each clue is about...?

1. This picture has 5 triangles.
2. This picture has one more hexagon than triangles.
3. This picture has twice as many hexagons as octagons.
4. This picture has more pentagons than any other shape.
5. This picture has twice as many octagons as triangles.
6. This picture has twice as many pentagons as hexagons.

## Investigation Sweeties

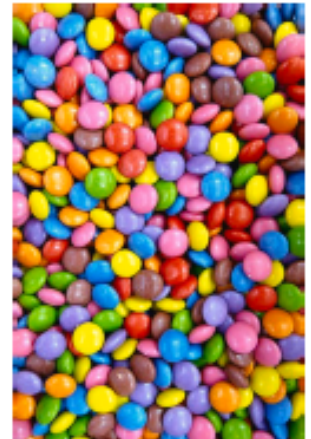


You will need:

- a tube of Smarties (or other pack of sweets that has different colours)
- two bowls
- coloured pencils
- Sweeties graph

What to do:

1. Wash and dry your hands.
2. Tip the Smarties into a bowl.
3. **Just by looking**, which colour do you think is most common?
4. Which colour do you think is least common?



Count all the red Smarties as you transfer them into the other bowl. Colour in one block for each red Smartie in the graph. Repeat for each colour.

What does your graph show you?

Write 2 or 3 sentences to describe your observations.

Were you correct about the most and least common colours?

Were there any surprises?