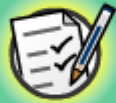


$$5 \times 7 = 35$$
$$20 + 2 = 22$$

Shapes 1



Common core icons



This icon indicates a slide where the Standards for Mathematical Practice are being developed. Details of these are given in the Notes field.



Slides containing examples of mathematical modeling are marked with this stamp.



This icon indicates an opportunity for discussion or group work.

The **Standards for Mathematical Practice** outlined in the Common Core State Standards for Mathematics describe varieties of expertise that mathematics educators at all levels should seek to develop in their students.

These are:

- 1) **Make sense of problems and persevere in solving them.**
- 2) **Reason abstractly and quantitatively.**
- 3) **Construct viable arguments and critique the reasoning of others.**
- 4) **Model with mathematics.**
- 5) **Use appropriate tools strategically.**
- 6) **Attend to precision.**
- 7) **Look for and make use of structure.**
- 8) **Look for and express regularity in repeated reasoning.**



This icon indicates that the slide contains activities created in Flash. These activities are not editable.



This icon indicates teacher's notes in the Notes field.

Find that shape!



Shapes are all around us! How many shapes can you find in the classroom?
Press on each shape you find.

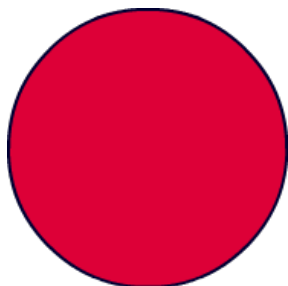
Press **start** to begin.

start



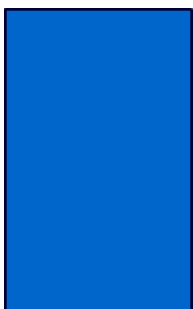
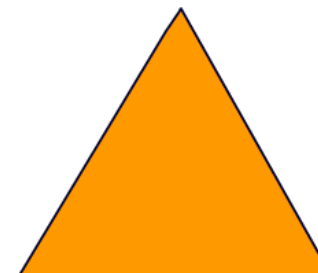


Can you describe these shapes?



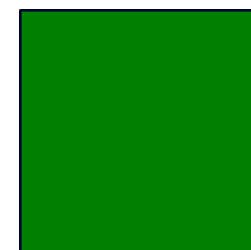
A **circle** has one curved edge and no corners.

A **triangle** has three corners and three sides.



A **rectangle** has four corners and two pairs of equal sides.

A **square** has four corners and four equal sides.



Sorting shapes



Circles

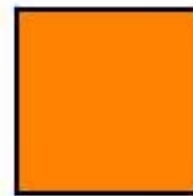
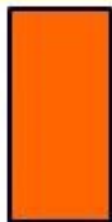
Triangles

Re

Drag each shape to the box
that best describes it.

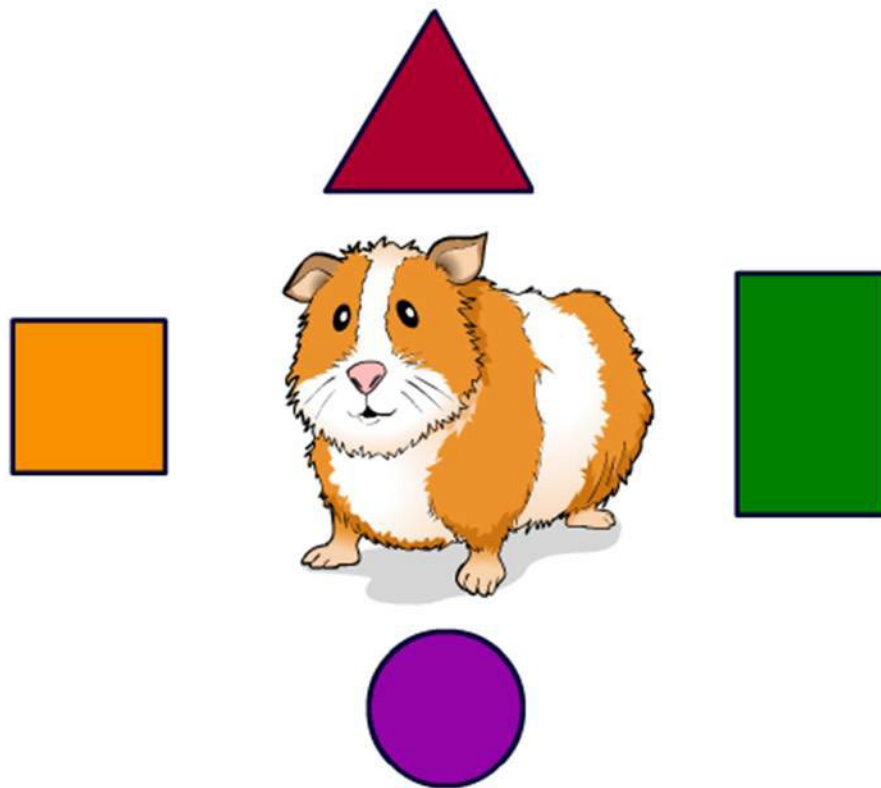
Press **start** to begin.

start

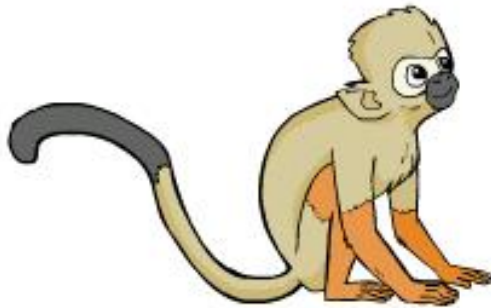




Press on a shape **below** the guinea pig.



Read the clues. Then drag each shape to the correct place.



Press **start** to begin.

start



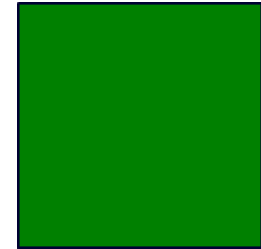
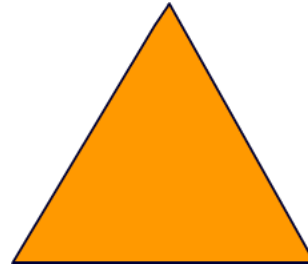
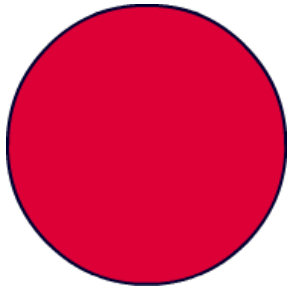
Read the clues. Then drag each shape to the correct place.



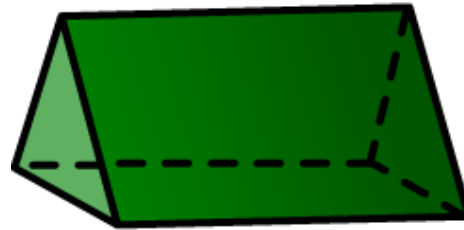
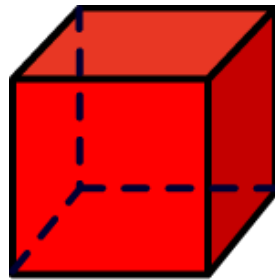
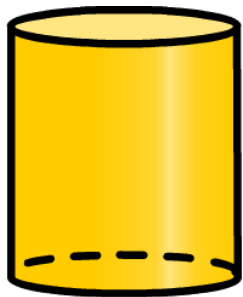
Press **start** to begin.

start





Circles, rectangles, triangles and squares are all **flat** shapes. We call flat shapes **two-dimensional**.



Other shapes are solid. They take up space. Sometimes they are called **space shapes**.

We call space shapes **three-dimensional**.



Flat or solid?



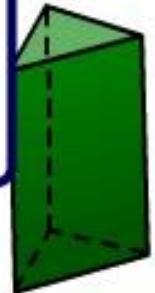
Two-dimensional

Three-dimensional

Let's sort some more shapes!
Some of these shapes are **flat**. They are **two-dimensional**. Some of these shapes are **solid**. They are **three-dimensional**.
Drag each shape to the correct box.

Press **start** to begin.

start





Let's see how much you remember
about shapes!

Help Mr. Bumblebee find the
right description for each shape.



Press **start** to begin.

start





Read each clue and draw the shape it describes.

What shape did you draw?

Press **start** to begin.

start





We can put two or more shapes together to make other shapes.



Build your own shape!



Drag the shapes onto the blue work space. Combine the shapes to build new shapes. You can rotate the shapes by dragging on their corners.

Press **start** to begin.

start

