

Name: _____

3D Shapes

Shape	Shape Name	Faces	Edges	Vertices

Label the shapes using the words shown to the right.

Name: _____

Shape Attributes

Match the descriptions to the shapes.

Paste Here	Paste Here	Paste Here	Paste Here
Paste Here	Paste Here	Paste Here	Paste Here

Name: _____

Irregular Shapes

Triangle	Quadrilateral	Pentagon	Hexagon

Name: _____

Triangular Pyramid

A triangular pyramid is a 3D shape that has 4 faces, 6 edges and 4 vertices. It is a pyramid.

Label the Triangular Pyramid: (face, edge, vertex)

Draw a Triangular Pyramid Count the Attributes

Name: _____

Name the Shape

pentagon
triangle
hexagon
quadrilateral

Label the shapes using the words shown to the right.

Name: _____

Quadrilaterals

Quadrilaterals have 4 sides, 4 angles and 4 vertices.

Draw a Quadrilateral Count the Attributes

Sides: _____
Angles: _____
Vertices: _____

Color the Quadrilaterals

Name: _____

3D Shape Detective

Read the clues and draw the shapes.

I have 1 curved face, 0 edges and 0 vertices. I am a sphere.	I have 4 faces, 6 edges and 4 vertices. I am a pyramid.	I have 2 faces, 1 curved edge and 1 vertex. I am a cone.
I have 2 flat faces, 1 curved face, 2 curved edges and 0 vertices. I am a cylinder.	I have 5 faces, 8 edges and 5 vertices. I am a prism.	I have 5 faces, 9 edges and 6 vertices. I am a prism.
I have 6 faces, 12 edges and 8 vertices. All of my edges are equal. I am a cube.	I have 6 faces, 12 edges and 8 vertices. My edges are not all equal. I am a rectangular prism.	2 of my faces look like a pentagon. I am a prism.

Name: _____

Shape Attributes

Match the descriptions to the shapes.

I have 3 sides and 3 angles. I have 5 sides and 5 angles. I have 6 sides and 6 angles. I have 8 sides and 8 angles.

Name: _____

Cone

A cone is a 3D shape that has 1 curved face, 1 flat face, 1 curved edge and 1 vertex. It is shaped like an ice cream cone.

Label the Cone: (curved face, flat face, curved edge, vertex)

Name: _____

True Facts 2D Shapes

Color all the facts that are true.

Has 4 equal sides.	Has 3 sides.	Has 1 angle.
Has 4 angles.	Has 6 angles.	Has no angles.
Is a quadrilateral.	Has 3 angles.	Is a closed shape.
Has 8 sides.	Has 4 angles.	Has 4 angles.
Is a quadrilateral.	Has equal sides.	Is a pentagon.
Has 8 angles.	Is not a quadrilateral.	Has 4 sides.
Is an open shape.	Has 6 sides.	Is a quadrilateral.
Has 5 angles.	Has 3 sides.	Has 4 angles.

Name: _____

3D Shapes Quick Check

What shape is this?	Draw a pyramid.
What shape has 12 edges but does not have equal faces?	Draw a shape with 5 faces.
Does this shape have equal faces?	What shape is this?
Draw a cone.	Does a cone have any vertices?
Which has more edges? A rectangular prism or a triangular prism?	What shape is this?

Name: _____

Draw the Shape

Draw a regular pentagon.

Draw 3 different triangles.

Name: _____

Square Pyramid

A square pyramid is a 3D shape that has 5 faces, 8 edges and 5 vertices. It is a pyramid.

Label the Square Pyramid: (face, edge, vertex)

Name: _____

Name the 3D Shapes

Name: _____

Irregular Shapes

Triangle	Quadrilateral	Pentagon	Hexagon	Octagon

Name: _____

Sphere

A sphere is a 3D shape that has 1 curved face, no edges and no vertices. It is shaped like a ball.

Label the Sphere: (curved face)

Name: _____

Real Life Shapes What am I?

Chan and I played with some clay. He rolled his clay into a round shape that has no vertices or edges. What shape is his clay?

I went to the shop with mom to buy a new helmet. The helmet came in a box that had 6 equal faces, 12 edges and 8 vertices. What shape is the box?

Sam bought a cool tank for his goldfish. The tank has 2 curved edges, 2 flat faces and 1 curved face. What shape is the tank?

Name: _____

Triangular Prism

A triangular prism is a 3D shape that has 5 faces, 9 edges and 6 vertices. It is a prism.

Label the Triangular Prism: (face, edge, vertex)

Name: _____

Octagons

Octagons have 8 sides, 8 angles and 8 vertices.

Draw an Octagon Count the Octagons

Sides: _____
Angles: _____

Name: _____

Triangles

Triangles have 3 sides, 3 angles and 3 vertices.

Draw a Triangle Count the Attributes

Sides: _____
Angles: _____
Vertices: _____

Color the Triangles

Name: _____

2D Shapes Quick Check

What shape is this?	Draw 3 quadrilaterals.
What shape has 6 sides?	Draw a shape with 3 angles.
Does this shape have equal sides?	Does this shape have 5 sides?
Draw an irregular hexagon.	Does a circle have any angles?
Which has more angles? A hexagon or a pentagon?	What shape is this?

Name: _____

Quadrilaterals Sort

Sort the shapes by whether or not they are quadrilaterals.

Quadrilaterals	Not Quadrilaterals

Name: _____

Rectangular Prism

A rectangular prism is a 3D shape that has 6 faces, 12 edges and 8 vertices.

Name: _____

Name the 3D Shapes

rectangular prism cube triangular prism
cylinder sphere rectangular pyramid
square pyramid cone

Preview

Includes options for both 'angles' and 'corners' terminology.



Angles Version

Real Life Shapes What am I?

Name: _____

Dan baked some cookies. He used a cookie cutter to shape the cookies into a shape with 6 sides. What shape are the cookies?

Meg made a birthday card for her dad. She cut the card so that it has 3 corners. What shape is the card?

Mom bought a new bathroom mat. The mat has 4 equal sides. What shape is the mat?

My baby sis What shape?

2D Shapes

Shape	Shape Name	Sides	Corners

2D Shapes: Attributes

Name: _____

___ corners ___ sides

___ corners ___ sides

___ corners ___ sides

___ corners ___ sides

Quadrilaterals

Name: _____

Quadrilaterals have 4 sides and 4 corners.

Draw a Quadrilateral

Count the Attributes

Sides: _____

Corners: _____

Shape Attributes

Name: _____

Match the descriptions to the shapes.

I have 3 sides and 3 corners

I have 5 sides and 5 corners

I have 6 sides and 6 corners

I have 8 sides and 8 corners

I am curved. I have no corners. I am shaped like a cookie.

I have 4 sides and 4 corners. My sides are not equal.

I have 4 sides and 4 corners. All my sides are equal.

I am curved. I have no corners. I am shaped like an egg.

True Facts 2D Shapes

Name: _____

Color all the facts that are true.

Has 4 equal sides	Has 3 sides	Has 1 corner
Has 4 corners	Has 6 corners	Has no corners
Is a quadrilateral	Has 3 corners	Is a closed shape
Has 8 sides	Has 4 corners	Has 4 corners
Is a quadrilateral	Has equal sides	Is a pentagon
Has 8 corners	Is not a quadrilateral	Has 4 sides
Is an open shape	Has 6 sides	Is a quadrilateral
Has 5 corners	Has 3 sides	Has 4 corners
Is a closed shape	Is a hexagon	Has 3 sides

Shape Match

Name: _____

circle			
triangle			
quadrilateral			
pentagon			
hexagon			
cube			
cone			

Color the Quadrilaterals

6 sides and 6 corners

0 corners and 1 curved side

3 sides and 3 corners

6 equal faces

4 sides and 4 corners

5 sides and 5 corners

1 curved edge and 1 curved face

Corners Version

Real Life Shapes What am I?

Name: _____

Dan baked some cookies. He used a cookie cutter to shape the cookies into a shape with 6 sides. What shape are the cookies in?

Meg made a birthday card for her dad. She cut the card so that it has 3 angles. What shape is the card?

Mom bought a new bathroom mat. The mat has 4 equal sides. What shape is the mat?

My baby sister What shape is it?

2D Shapes

Shape	Shape Name	Sides	Angles

2D Shapes: Attributes

Name: _____

___ angles ___ sides

___ angles ___ sides

___ angles ___ sides

___ angles ___ sides

Quadrilaterals

Name: _____

Quadrilaterals have 4 sides, 4 angles and 4 vertices.

Draw a Quadrilateral

Count the Attributes

Sides: _____

Angles: _____

Vertices: _____

Shape Attributes

Name: _____

Match the descriptions to the shapes.

I have 3 sides and 3 angles

I have 5 sides and 5 angles

I have 6 sides and 6 angles

I have 8 sides and 8 angles

I am curved. I have no angles. I am shaped like a cookie.

I have 4 sides and 4 angles. My sides are not equal.

I have 4 sides and 4 angles. All my sides are equal.

I am curved. I have no angles. I am shaped like an egg.

True Facts 2D Shapes

Name: _____

Color all the facts that are true.

Has 4 equal sides	Has 3 sides	Has 1 angle
Has 4 angles	Has 6 angles	Has no angles
Is a quadrilateral	Has 3 angles	Is a closed shape
Has 8 sides	Has 4 angles	Has 4 angles
Is a quadrilateral	Has equal sides	Is a pentagon
Has 8 angles	Is not a quadrilateral	Has 4 sides
Is an open shape	Has 6 sides	Is a quadrilateral
Has 5 angles	Has 3 sides	Has 4 angles
Is a closed shape	Is a hexagon	Has 3 sides

Shape Match

Name: _____

circle			
triangle			
quadrilateral			
pentagon			
hexagon			
cube			
cone			

Color the Quadrilaterals

6 sides and 6 angles

0 angles and 1 curved side

3 sides and 3 angles

6 equal faces

4 sides and 4 angles

5 sides and 5 angles

1 curved edge and 1 curved face