



Space Shapes

Name the shapes. Count the sides, the faces and the equal shares.



Name: _____

Date: _____

Section 1: Shapes and Their Sides

Count the sides. Circle the name of the shape.

Example



This shape has 3 sides. It is a triangle.

1.



How many sides?

triangle quadrilateral pentagon hexagon

2.



How many sides?

triangle quadrilateral pentagon hexagon

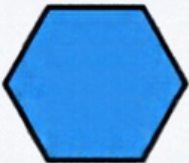
3.



How many sides?

triangle quadrilateral pentagon hexagon

4.



How many sides?

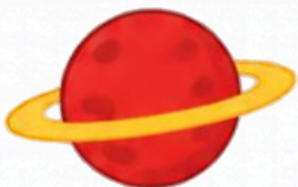
triangle quadrilateral pentagon hexagon

5.



How many sides?

triangle quadrilateral pentagon hexagon





Space Shapes

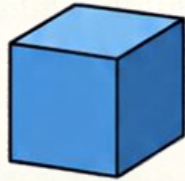


Name: _____ Date: _____

Section 2: 3D Shapes and Their Faces

A face is a flat side of a 3D shape. Count the faces.

Example



A cube has 6 equal square faces.

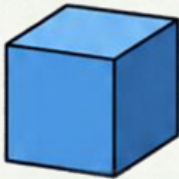
1 Name the 3D shape with 6 equal square faces.

cube

cone

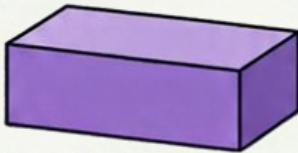
sphere

2



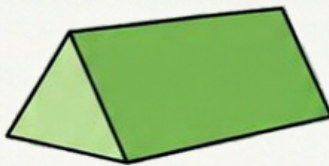
How many faces does a cube have?

3



How many faces does a box have?

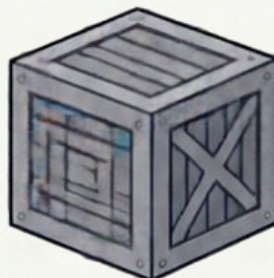
4



How many faces does this tent shape have?

5

Which space object is shaped like a cube?





Space Shapes



Name: _____ Date: _____

Section 3: Draw Equal Shares

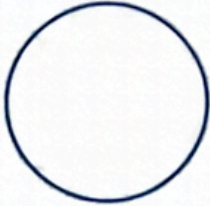
Draw lines to split each shape into equal shares. Then fill in the box.

Example:



Each part is one fourth.
The whole circle is 4 fourths.

1



Split it into 2 equal shares.

Each part is one

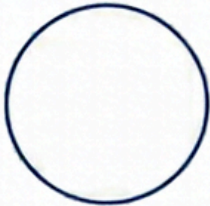
2



Split it into 2 equal shares.

Each part is one

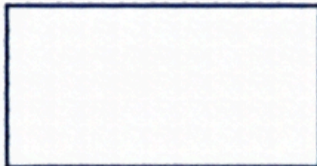
3



Split it into 4 equal shares.

Each part is one

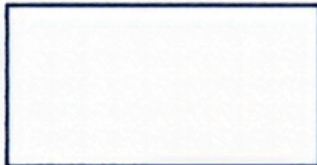
4



Split it into 3 equal shares.

Each part is one

5



Split it into 4 equal shares.

Each part is one





Space Shapes



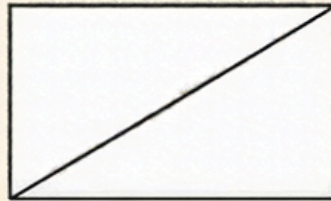
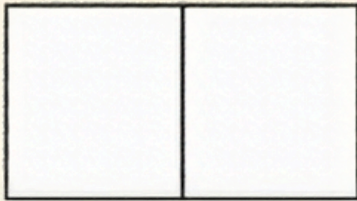
Name:

Date:

Section 4: Halves, Thirds and Fourths

Use the words half, third, fourth and whole.

Example

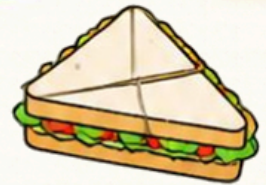


Equal shares do not have to look the same. These two rectangles are both split into halves.

- 1 A moon pie is cut into 2 equal shares. Each share is one ____.



- 2 A space sandwich is cut into 3 equal shares. Each share is one ____.



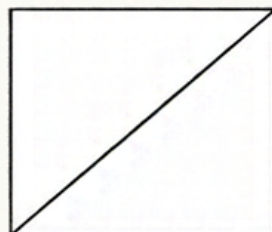
- 3 A star cake is cut into 4 equal shares. Each share is one ____.



- 4 A rectangle is split into 4 equal shares. 4 fourths make 1 ____.



5



Both rectangles are cut into halves. True or false?

True

False





Answer Key

Teacher Copy



Section 1: Shapes and Their Sides

1. 3 sides, triangle
2. 4 sides, quadrilateral
3. 5 sides, pentagon
4. 6 sides, hexagon
5. 4 sides, quadrilateral

Section 2: 3D Shapes and Their Faces

1. cube
2. 6 faces
3. 6 faces
4. 5 faces
5. the cargo crate

Section 3: Draw Equal Shares

1. half



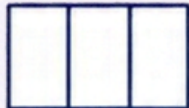
2. half



3. fourth



4. third



5. fourth



Any correct equal split counts.

Section 4: Halves, Thirds and Fourths

1. half

2. third

3. fourth

4. whole

5. True