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Page 8 - DESCRIBING HEXAGONS

LESSON

Introduction

- Use a folding ruler to make a hexagon. Hold up the hexagon.

Teacher Comment: **This shape is a hexagon. Notice that the hexagon has six sides.**

- Run your finger along all six sides, counting as you touch each side.

Teacher Comment: **Notice that the hexagon has six angles.**

- Point to each angle, counting as you touch it.

Teacher Comment: **Trace the word “hexagon.”**

Notice that you can make a hexagon by putting two trapezoids together.

Stating the Objective

Teacher Comment: **In this lesson you will find and trace hexagons.**

Conducting the Lesson

Teacher Comment: **In the top box color the hexagons purple. Color the other shapes red.**

- Check students’ work.

Teacher Comment: **In the middle box find a hexagon in each picture. Trace the hexagon with a purple marker/crayon.**

Teacher Comment: **Some of these objects may not be familiar. The hexagons are the table, the nut, the tiles, and a honeycomb.**

Teacher Comment: **In the first box on the bottom row, trace and color the hexagons purple. In the next box, draw and color a purple hexagon.**

- Check students’ work.

Thinking About Thinking

Teacher Comment: **What did you think about to show which shapes are hexagons?**

Student Response:


1. I checked whether the shape had six sides.
2. I picked the colors to show that the shape is a hexagon.
4. I paid attention to how it feels to trace and color a hexagon.

Personal Application

Teacher Comment: **When do you need to find hexagons?**


Student Response: I need to find hexagons when I draw objects that have them.

DESCRIBING HEXAGONS




A hexagon is a shape that has six sides and six angles. Trace hexagon.

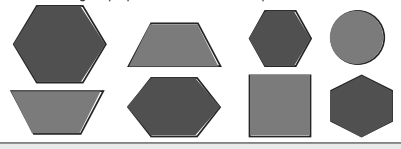
hexagon



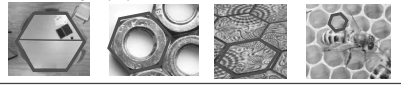
Two trapezoids can make a hexagon.




Color the hexagons purple. Color the other shapes red.



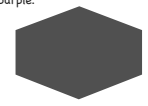
Trace the hexagons purple.



Trace and color these hexagons purple.



Draw and color a hexagon purple.



Pages 28-29 - DESCRIBING DIFFERENCES

Introduction

Teacher Comment: **We have described how shapes are alike.**

Stating the Objective

Teacher Comment: **In this lesson you will describe how shapes are alike and different.**

Conducting the Lesson

Teacher Comment: **Look at the first pair of shapes. Write "S" for same and "D" for different to describe color, shape, and size.**

Teacher Comment: **Use the words "color," "shape," and "size" to finish the sentences.**

Teacher Comment: **Decide how the remaining pairs are alike and different and complete the sentences.**

- Check students' work. Continue this dialog to discuss students' answers.
- Model the sentence pattern for describing differences. Encourage students to use this sentence pattern, showing that the word "but" signals a different characteristic. Use this pattern with other polygons and objects.

Thinking About Thinking

Teacher Comment: **What did you pay attention to when you wrote a description of shapes?**

Student Response:

1. I looked at their shapes, their size, and their color.
2. I noticed how the polygons were alike and found the word(s) to describe those similarities.
3. I named the difference after the word "but."

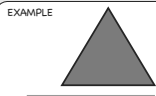
Personal Application

Teacher Comment: **When do you need to write about different shapes?**

Student response: I need to write about different shapes when I write a description of what I see.


DESCRIBING DIFFERENCES

Write "S" for same or "D" for different for color, shape, and size. Then complete the sentences.



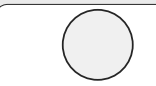
color	_____	S
shape	_____	D
size	_____	S

The color _____ and the size _____ are the same,
but the shape _____ is different.



color	_____	D
shape	_____	S
size	_____	S

The size _____ and the shape _____ are the same,
but the color _____ is different.




color	_____	S
shape	_____	S
size	_____	D

The color _____ and the shape _____ are the same,
but the size _____ is different.


DESCRIBING DIFFERENCES

Write "S" for same or "D" for different for color, shape, and size. Then complete the sentences.




color	_____	S
shape	_____	S
size	_____	D

The shape _____ is the same, but the size _____
and color _____ are different.



color	_____	D
shape	_____	S
size	_____	S

The size _____ is the same, but the shape _____
and color _____ are different.



color	_____	S
shape	_____	D
size	_____	D

The color _____ is the same, but the size _____
and shape _____ are different.