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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.

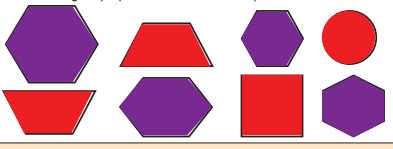
hexagon




Two trapezoids can make a hexagon.




Color the hexagons purple. Color the other shapes red.



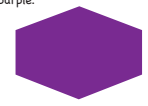
Trace the hexagons purple.



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.