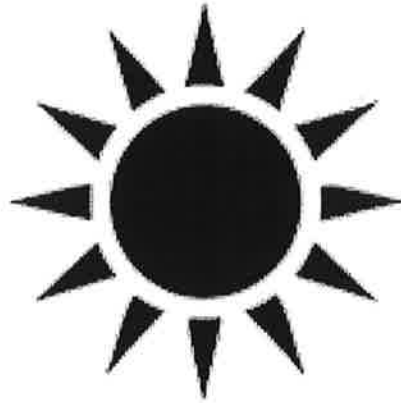# NTI DAY 23

Harrison County Schools

Name: _____

Grade: **3**

Teacher: _____

Complete within 2 weeks of returning to school.
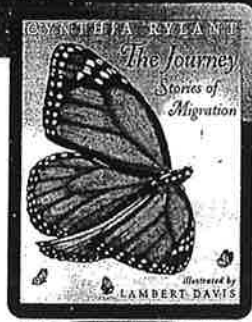
NTI 23
Reading Directions

1. Watch the Compare and Contrast video on the BLOG

    OR

    read page 256 provided from the Journey's pages.

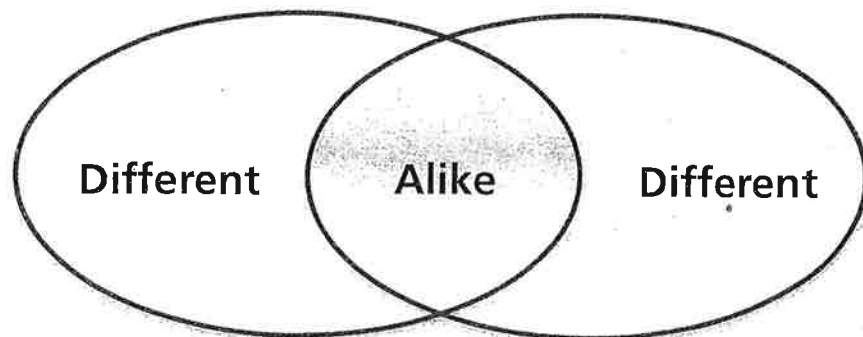2. Complete the Compare and Contrast page.

Dig Deeper

How to Analyze the Text

Use these pages to learn about Comparing and Contrasting and Author's Word Choice. Then read *The Journey: Stories of Migration* again to apply what you learned.

Compare and Contrast

The author of *The Journey: Stories of Migration* organized the text in a way that helps readers **compare** and **contrast** whales and locusts. Looking for connections between parts of a text will help you understand what you read.

Return to pages 240 and 241 in *The Journey: Stories of Migration*. First, you will learn that some animals migrate while others do not. Then you will start reading about one migratory animal, the locust. As you continue reading, look for text evidence that helps you make connections. When you come to the next section, about whales, you will be able to start comparing and contrasting the information with what you read about locusts.
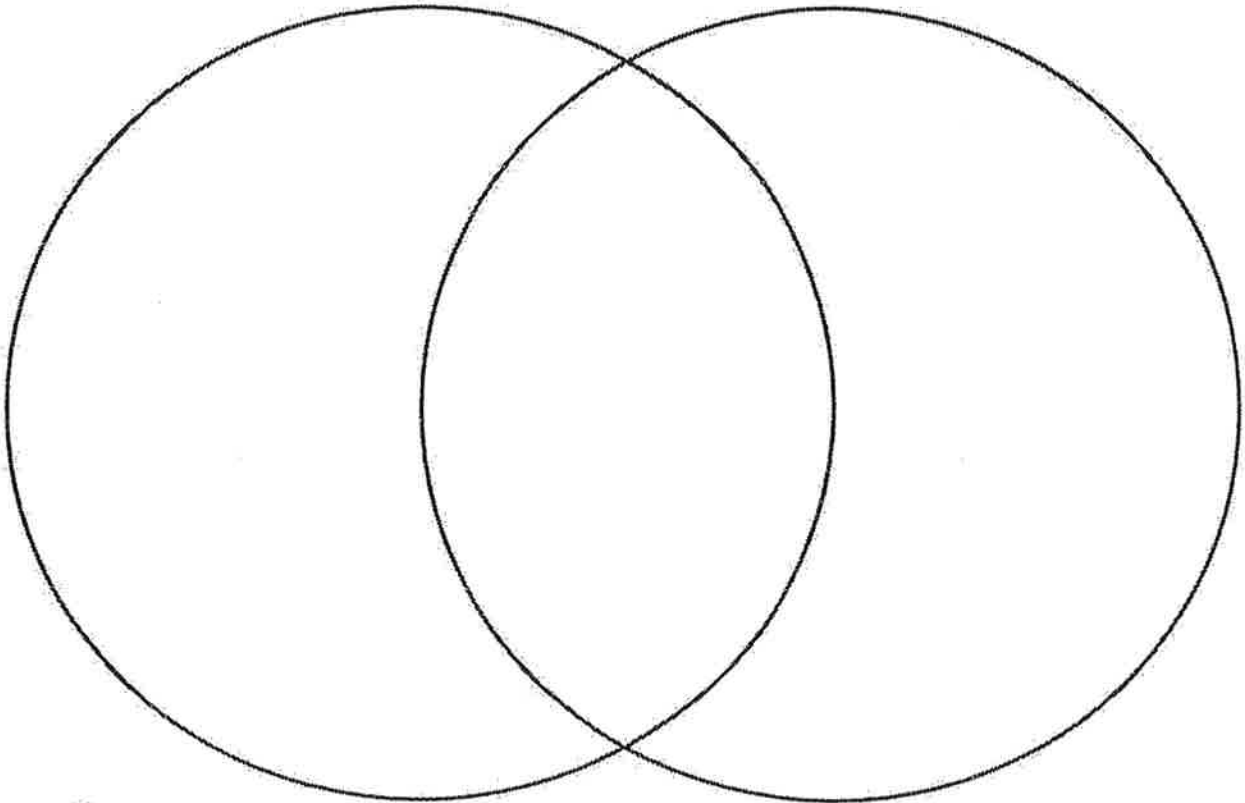
Different   Alike   Different

COMMON CORE

Go

Compare and Contrast
Grasshopper and Gray Whale

Explain in complete sentences how the grasshopper
and the gray whale is alike and different.

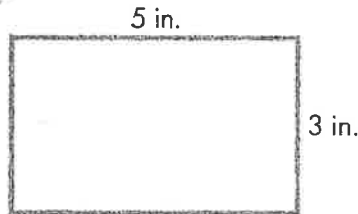--

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Name _____

Solve & Share

What is the perimeter of the rectangle below? Show two ways to find the perimeter, other than measuring.

I can ...
find the perimeter of polygons with common shapes.

Content Standard 3.MD.D.8
Mathematical Practices MP.1, MP.2, MP.3, MP.6, MP.7, MP.8

You can use structure. How could what you know about the attributes of common shapes help you find the perimeter? *Show your work in the space below!*
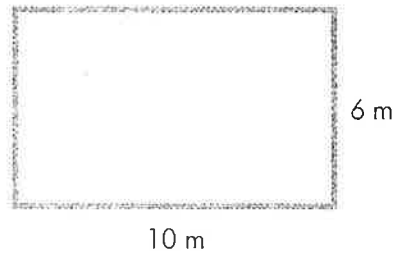
5 in.

3 in.

Look Back! MP.8 Generalize How could you use addition and multiplication to find the perimeter?

Mr. Coe needs to find the perimeter of two swimming pool designs. One pool shape is a rectangle. The other pool shape is a square. What is the perimeter of each pool?

6 m

10 m

9 m

Find the perimeter of the pool that has a rectangular shape.
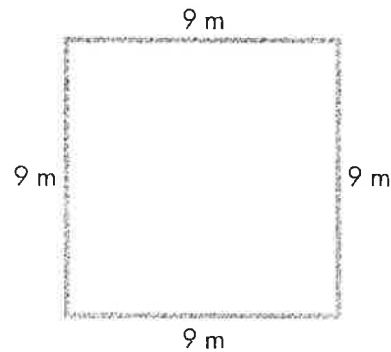
10 m

6 m   6 m

10 m
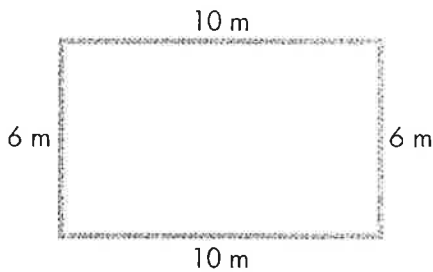
$10 + 6 + 10 + 6 = 32$ or
$(10 \times 2) + (6 \times 2) = 32$
The perimeter of this pool is 32 meters.

Remember, opposite sides of a rectangle are the same length.

Find the perimeter of the pool that has a square shape.

Remember, all four sides of a square are the same length.

9 m

9 m   9 m

9 m

$9 + 9 + 9 + 9 = 36$ or $4 \times 9 = 36$
The perimeter of this pool is 36 meters.

Convince Me! ⓒ **MP.1 Make Sense and Persevere** Darla drew the parallelogram at the right. Tell how to find the perimeter.
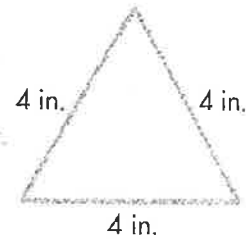
9 m

5 m

Another Example!

An **equilateral triangle** has 3 sides the same length.

$4 + 4 + 4 = 12$ or $3 \times 4 = 12$.

So, the perimeter of this equilateral triangle is 12 inches.

4 in.   4 in.

4 in.

Guided Practice

Do You Understand?

1. **MP.2 Reasoning** How can you use multiplication and addition to find the perimeter of a rectangle with a length of 6 feet and width of 4 feet?

2. **MP.2 Reasoning** Explain how you can find the perimeter of a square with a side length of 7 cm.

Do You Know How?

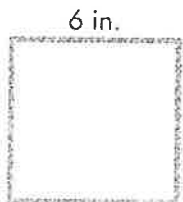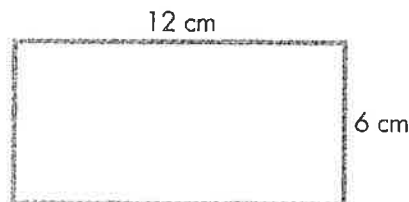For **3** and **4**, find the perimeter.

3. Rectangle   4 ft

   8 ft

4. Square

   5 cm

Independent Practice

In **5–7**, find the perimeter of each polygon.

5. Square

   6 in.

6. Rectangle

   12 cm

   6 cm

7. Equilateral triangle

   6 yd
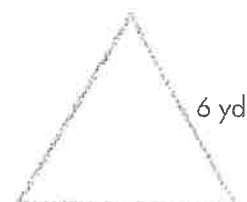
Math Practices and Problem Solving

In **8** and **9**, use the picture at the right.

8. The base of the glass house to the right is a rectangle. What is the perimeter of the base of the house?

The base of the glass house is 56 feet long and 32 feet wide.
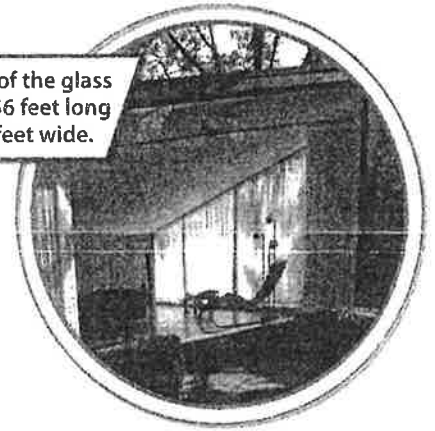
9. © **MP.1 Make Sense and Persevere**
The owner of the house decides to build an extension. The new base is 112 feet long and 64 feet wide. What is the new perimeter?

10. © **MP.6 Be Precise** Identify the number of sides and vertices in the hexagon below.

11. © **MP.3 Critique Reasoning** Mark says he can find the perimeter of a square zoo enclosure by multiplying the length of on side by 4. Is Mark correct? Why or why not

12. Higher Order Thinking Dan drew the trapezoid at the right. The top is 3 inches long. The bottom is twice as long as the top. The length of a side is 5 inches. How can you find the perimeter of the trapezoid? Label the lengths of the sides.

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13. José draws a rectangle and Mikayla draws a parallelogram. If both shapes have sides that are 6 cm and 15 cm, are their perimeters the same? Explain.

14. Emma says that the total perimeter of two squares with side lengths of 3 inches is the same as the perimeter of a rectangl with a length of 6 inches and width of 3 inches. Is Emma correct? Why or why no

Library Activity for NTI Day 23
2nd-5th Grades

Directions: Read a book or e-book (or part of a book) of your choice for at least 20 min. Then respond below.

Book Title: _____

Author: _____

3 Things That Happened in Your Book

    1.

    2.

    3.

2 Words or Phrases You Found Interesting

    1.

    2.

1 Thing Your Reading Made You Wonder About

    1.