Name_____ Date_____ Period_____

LESSON 7-3 · SESSION 1 · PREREQUISITE PRACTICE B · SKILL 1 OF 2

Name a Number's Opposite

Builds on Lesson 7-1 · 6.NS.C.6a

TODAY'S LESSON	You will see that −7.5 and 7.5 have the same absolute value.
YOU NEED TO	Name the opposite of a number, like −8 and 8. **You will use it in Practice Form A, problem 4.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the number's **distance** from 0.
2. **Switch** sides of 0: left becomes right, right becomes left.
3. Write the number on the new side. −( ) means **the opposite of**.

WATCH ME

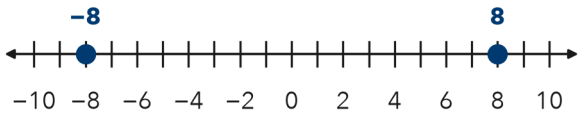
the steps in action

Name the opposite of −8.

Step 1 −8 is 8 units from 0.

Step 2 −8 is left of 0. Switch to the right.

Step 3 The opposite is 8.



Answer **8**

TRY IT WITH HELP

fill in each step

1. Name the opposite of 3.5.

Step 1 3.5 is _____ units from 0.

Step 2 3.5 is right of 0. Switch to the _____.

Step 3 The opposite is _____.

2. Find −(−2.5).

Step 1 −2.5 is _____ units from 0.

Step 2 −2.5 is left of 0. Switch to the _____.

Step 3 −(−2.5) = _____

YOUR TURN

use the steps on your own

3. Write the opposite of each number.

a. 12 _____ **b.** −5 _____ **c.** 0 _____

d. −21 _____ **e.** −7.5 _____ **f.** −0.25 _____

Plot Rational Numbers

Builds on Lesson 7-2 · 6.NS.C.6c

TODAY'S LESSON	You will plot −6, 2.5, and −0.5, then find each distance to 0.
YOU NEED TO	Plot a negative decimal, like −0.5: halfway between −1 and 0. **You will use it in Practice Form A, problem 2.**

STEPS TO FOLLOW

use these same steps on every problem

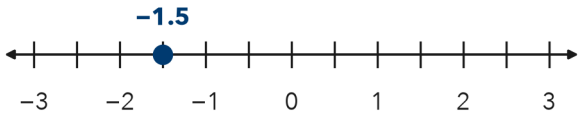
1. Find the two **integers** the number sits between.
2. Split that gap into equal **parts**.
3. Count the parts **away from 0**. Mark the point.

WATCH ME

the steps in action

Plot −1.5.

Step 1 −1.5 is between −1 and −2.
Step 2 Split −1 to −2 into 2 equal parts.
Step 3 Count 1 part left of −1. Mark it.



Answer **−2 and −1**

TRY IT WITH HELP

fill in each step

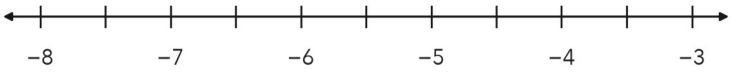
4. Plot −3.5.

Step 1 −3.5 is between _____ and _____.
Step 2 Split the gap into _____ equal parts.
Step 3 Count _____ part left of −3. Mark it.

5. Plot −7.5.

Step 1 −7.5 is between _____ and _____.
Step 2 Split the gap into _____ equal parts.
Step 3 Count _____ part left of −7. Mark it.

Use this number line:



YOUR TURN

use the steps on your own

6. Write the two integers each number is between.

a. −7.5 _____ **b.** 2.5 _____ **c.** −0.5 _____

d. −5.2 _____ **e.** 4.25 _____ **f.** −14.5 _____

READY CHECK

a problem like the one in today's lesson

7. Between which two integers is −0.5?

A 0 and 1 **B** −1 and 0 **C** −5 and −4 **D** −2 and −1

CHECK YOURSELF ☐ I can do this on my own ☐ I need a little help ☐ I have a question about #____