Name_____ Date_____ Period_____

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

Write Integers for Situations

Builds on Lesson 7-1 Session 1 · 6.NS.C.5

TODAY'S LESSON	You will write integers like −9 for a 9-yard loss and 200 for 200 feet above sea level.
YOU NEED TO	Write an integer for a situation, like 35 feet below sea level = −35. **You will use it in Practice Form A, problems 1 and 5.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **zero** point: the ground, sea level, or $0.
2. Choose the **sign**: above or gain is +. Below or loss is −.
3. Write the **number** with its sign.

WATCH ME

the steps in action

A diver is 35 feet below sea level. Write an integer.

Step 1 Zero is sea level.

Step 2 Below sea level, so the sign is −.

Step 3 Write −35.

Answer **−35**

TRY IT WITH HELP

fill in each step

1. A team gains 15 yards. Write an integer.

Step 1 Zero is the starting _____.

Step 2 A gain, so the sign is _____.

Step 3 The integer is _____.

2. Ben withdraws $35 from the bank. Write an integer.

Step 1 Zero is _____.

Step 2 Taking money out is a loss, so the sign is _____.

Step 3 The integer is _____.

YOUR TURN

use the steps on your own

3. Write an integer for each situation.

a. 20 feet below sea level _____

b. a deposit of $50 _____

c. 6 floors below the lobby _____

d. a rise of 11 degrees _____

e. 3 strokes under par _____

f. a loss of 8 yards _____

Find Opposites of Integers

Builds on Lesson 7-1 Session 1 · 6.NS.C.5

TODAY'S LESSON	You will find values like −(−16) and the opposite of the opposite of −7.
YOU NEED TO	Find the opposite of an integer: the opposite of −5 is 5. **You will use it in Practice Form A, problems 2, 4, and 6.**

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

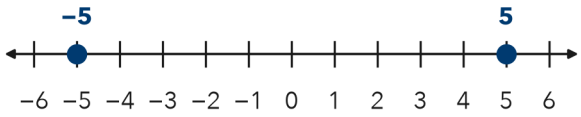
Find the opposite of −5.

Step 1 −5 is 5 units from 0.

Step 2 −5 is left of 0. Switch to the right.

Step 3 The opposite is 5.

Answer **5**



TRY IT WITH HELP

fill in each step

4. Find the opposite of 7.

Step 1 7 is _____ units from 0.

Step 2 7 is right of 0. Switch to the _____.

Step 3 The opposite is _____.

5. Find −(−12).

Step 1 −12 is _____ units from 0.

Step 2 −12 is left of 0. Switch to the _____.

Step 3 −(−12) = _____

YOUR TURN

use the steps on your own

6. Write the opposite of each number.

a. 12 _____ **b.** −25 _____ **c.** 0 _____

d. −40 _____ **e.** 100 _____ **f.** −3 _____

READY CHECK

a problem like the one in today's lesson

7. A freezer reads −24 degrees. Then it changes to the opposite reading. What does it read now?

A −24 degrees **B** 24 degrees **C** 0 degrees **D** −48 degrees

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