Name_____ Date_____ Period_____

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

Find Absolute Value

Builds on Lesson 7-3 Session 1 · 6.NS.C.7c

TODAY'S LESSON	You will find a total swing from −12.5 ft to 7.5 ft.
YOU NEED TO	Find an absolute value: |−12.5| = 12.5. **You will use it in Practice Form A, problems 2 and 7.**

STEPS TO FOLLOW

use these same steps on every problem

1 Find the number **inside** the bars.

2 Find its **distance** from 0.

3 Write the distance. It is **never negative**.

WATCH ME

the steps in action

Find |−12.5|.

Step 1 Inside the bars: −12.5

Step 2 −12.5 is 12.5 units from 0.

Step 3 |−12.5| = 12.5

Answer **12.5**

TRY IT WITH HELP

fill in each step

1. Find |−14|.

Step 1 Inside the bars: _____

Step 2 It is _____ units from 0.

Step 3 |−14| = _____

2. Find |6.25|.

Step 1 Inside the bars: _____

Step 2 It is _____ units from 0.

Step 3 |6.25| = _____

YOUR TURN

use the steps on your own

3. Find each absolute value.

a. |9| = _____ **b.** |0| = _____ **c.** |−3.5| = _____

d. |−100| = _____ **e.** |−0.75| = _____ **f.** |−48| = _____

Write Integers for Situations

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

TODAY'S LESSON	You will read a trench 3.6 km below the surface as −3.6.
YOU NEED TO	Write a number for a situation, like 13 m below = −13. **You will use it in Practice Form A, problems 2 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 13 meters below the surface. Write a number.

Step 1 Zero is the surface.

Step 2 Below the surface, so the sign is −.

Step 3 Write −13.

Answer **−13**

TRY IT WITH HELP

fill in each step

4. A team gains 8 yards. Write a number.

Step 1 Zero is the starting _____.

Step 2 A gain, so the sign is _____.

Step 3 The number is _____.

5. A cave is 12 ft below sea level. Write a number.

Step 1 Zero is _____.

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

Step 3 The number is _____.

YOUR TURN

use the steps on your own

6. Write a number for each situation.

a. a $30 withdrawal _____

b. 5 degrees above zero _____

c. a loss of 4 points _____

d. 3 floors below the lobby _____

e. a $45 deposit _____

f. a drop of 6 degrees _____

READY CHECK

a problem like the one in today's lesson

7. A trench floor lies 3.6 km below the sea surface. Which number shows it?

A 3.6 **B** −3.6 **C** 0.36 **D** −36

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