Name_____ Date_____ Period_____

LESSON 7-6 · SESSION 1 · PREREQUISITE PRACTICE B · SKILL 1 OF 2

Find Absolute Value

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

TODAY'S LESSON	The drone flies from y = 13 down to y = −4. |13| = 13 and |−4| = 4.
YOU NEED TO	Find the absolute value of a number, like |−4| = 4. **You will use it in Practice Form A, problems 3 and 7.**

STEPS TO FOLLOW

use these same steps on every problem

1 Find the number on the **number line**.

2 **Count** the units from it to 0.

3 That count is the **absolute value**. It is never negative.

WATCH ME

the steps in action

Find |−3.5|.

Step 1 −3.5 is left of 0.

Step 2 It is 3.5 units from 0.

Step 3 |−3.5| = 3.5.

Answer **3.5**

TRY IT WITH HELP

fill in each step

1. Find |−17|.

Step 1 −17 is _____ of 0.

Step 2 It is _____ units from 0.

Step 3 |−17| = _____

2. Find |12|.

Step 1 12 is _____ of 0.

Step 2 It is _____ units from 0.

Step 3 |12| = _____

YOUR TURN

use the steps on your own

3. Find each absolute value.

a. |−4| = _____ **b.** |13| = _____ **c.** |−8.5| = _____

d. |0| = _____ **e.** |−20| = _____ **f.** |6| = _____

Find Distance on Number Lines

Builds on Lesson 7-3 Session 2 · 6.NS.C.7c

TODAY'S LESSON	The bus runs from (−17, −4) to (12, −4). That is the distance from −17 to 12.
YOU NEED TO	Find the distance between two numbers, like −8 and 7. **You will use it in Practice Form A, problems 2 and 7.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find each number's **absolute value**.
2. **Same** side of 0: subtract. Opposite sides: add.
3. Write the **distance** in units.

WATCH ME

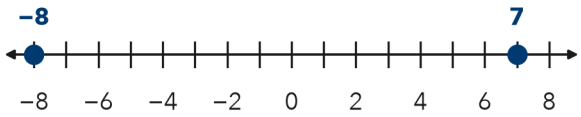
the steps in action

Find the distance from −8 to 7.

Step 1 |−8| = 8 and |7| = 7.

Step 2 Opposite sides: add. 8 + 7 = 15.

Step 3 15 units.



Answer **15 units**

TRY IT WITH HELP

fill in each step

4. Find the distance from −17 to 12.

Step 1 |−17| = _____ and |12| = _____

Step 2 Opposite sides: _____ + _____ = _____

Step 3 _____ units

5. Find the distance from −20 to −7.

Step 1 |−20| = _____ and |−7| = _____

Step 2 Same side: _____ − _____ = _____

Step 3 _____ units

YOUR TURN

use the steps on your own

6. Find the distance between the numbers.

a. −5 and 13 _____

b. 2 and 9 _____

c. −11 and 6 _____

d. −15 and −6 _____

e. −4 and 4 _____

f. 0 and −12 _____

READY CHECK

a problem like the one in today's lesson

7. A bus runs from (−17, −4) to (12, −4). How many blocks does it go?

A 5 **B** 29 **C** −29 **D** 17

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