Name _____ Date _____ Period _____

LESSON 7-2 · WARM-UP

Warm-Up Practice

Represent Rational Numbers and Their Opposites on the Number Line

THE MOVE

what this page practices

Name the two integers a fraction or decimal falls between

Every number sits between two integers. Turn a fraction into a decimal first by dividing: 11/2 = 5.5. A negative number sits between two negative integers, so −5.5 is between −6 and −5.

WORKED MODEL

we do this one together

Step 1	Where does −11/2 go on a number line?
Step 2	11/2 = 11 ÷ 2 = _____
Step 3	So −11/2 = −5.5, which sits between −6 and −_____.
Step 4	It is halfway between them, so it is _____ units to the left of 0.

YOUR TURN

8 items · about 10 minutes

1. 2.7 is between the integers _____ and _____

ANSWER _____

2. −2.7 is between the integers _____ and _____

ANSWER _____

3. Write 7/2 as a decimal. _____

ANSWER _____

4. −9/4 is between which two integers? _____

ANSWER _____

5. Which is farther from 0: −4.1 or −3.9? _____

ANSWER _____

6. A number line from −1 to 0 is cut into 5 equal parts. The first tick to the left of 0 is _____

ANSWER _____

7. A number sits between −8 and −7 and is closer to −8. Is it −7.2 or −7.8? _____

ANSWER _____

8. Point A sits at −5/2 on a number line. Name its opposite and say how far each point is from 0. _____

ANSWER _____