Name_____ Date_____ Period_____

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

Rename Fractions Greater Than 1

Builds on Grade 4 · 4.NF.B.3b

TODAY'S LESSON	You will place and flip numbers like −9/2 and 5/4 on a number line.
YOU NEED TO	Rename a fraction greater than 1, like 9/2 = 4 1/2, to see which wholes it is between. **You will use it in Practice Form A, problems 1 and 4 (Session 1).**

STEPS TO FOLLOW

use these same steps on every problem

1. **Divide** the top number by the bottom number.
2. The quotient is the **whole number**.
3. The **remainder** goes over the same bottom number.

WATCH ME

the steps in action

Write 17/4 as a mixed number.

Step 1 17 ÷ 4 = 4 R1.

Step 2 The whole number is 4.

Step 3 The remainder 1 goes over 4: 1/4.

Answer **17/4 = 4 1/4**

TRY IT WITH HELP

fill in each step

1. Write 9/2 as a mixed number.

Step 1 9 ÷ 2 = _____ R _____.

Step 2 The whole number is _____.

Step 3 The remainder over 2 is _____. So 9/2 = _____.

2. Write 11/4 as a mixed number.

Step 1 11 ÷ 4 = _____ R _____.

Step 2 The whole number is _____.

Step 3 The remainder over 4 is _____. So 11/4 = _____.

YOUR TURN

use the steps on your own

3. Write each fraction as a mixed number.

a. 7/2 _____ **b.** 9/4 _____ **c.** 13/4 _____

d. 10/3 _____ **e.** 8/5 _____ **f.** 15/4 _____

Hundredths on a Number Line

Builds on Grade 4 · 4.NF.C.6

TODAY'S LESSON	You will find opposites of depths like −7.25 m and −6.35.
YOU NEED TO	Place a decimal like 7.25 between two whole numbers and see which it is closer to. **You will use it in Practice Form A, problems 2, 6, and 7.**

STEPS TO FOLLOW

use these same steps on every problem

1 Find the **whole number** before the point. The next whole is one more.

2 Compare the decimal part to **.5** (halfway).

3 Less than .5: closer to the **lower** whole. More: the higher one.

WATCH ME

the steps in action

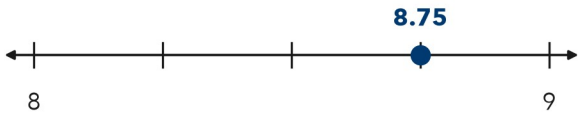
Where is 8.75 on a number line?

Step 1 The whole number is 8. It is between 8 and 9.

Step 2 .75 is more than .5.

Step 3 It is past halfway, closer to 9.

Answer **8.75 is between 8 and 9, closer to 9.**



TRY IT WITH HELP

fill in each step

4. Where is 7.25 on a number line?

Step 1 7.25 is between _____ and _____.

Step 2 .25 is _____ than .5.

Step 3 7.25 is closer to _____.

5. Where is 6.35 on a number line?

Step 1 6.35 is between _____ and _____.

Step 2 .35 is _____ than .5.

Step 3 6.35 is closer to _____.

YOUR TURN

use the steps on your own

6. Write the whole number each decimal is closer to.

a. 4.75 _____ **b.** 2.25 _____ **c.** 6.8 _____

d. 1.35 _____ **e.** 9.6 _____ **f.** 3.45 _____

READY CHECK

a problem like the one in today's lesson

7. A ladder top reaches 6.75 feet. Which whole number is 6.75 closest to?

A 6 **B** 7 **C** 8 **D** 75

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