Name_____ Date_____ Period_____

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

Compare and Subtract Decimals

Builds on Grade 5 · 5.NBT.B.7

TODAY'S LESSON	You will compare a 13.12 ft rope with a 12 ft cable and find the difference.
YOU NEED TO	Line up decimal points to subtract, like 13.12 − 12. **You will use it in Practice Form A, problems 7 and 8.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Line up** the decimal points.
2. Fill empty places with **zeros**.
3. **Subtract** place by place.

WATCH ME

the steps in action

Which is longer, 16.4 ft or 16.25 ft? By how much?

Step 1 Line up 16.4 over 16.25.

Step 2 Add a zero: 16.40 and 16.25. 16.40 is bigger.

Step 3 16.40 − 16.25 = 0.15.

Answer **16.4 ft, by 0.15 ft**

TRY IT WITH HELP

fill in each step

1. How much longer is 16 ft than 15.4 ft?

Step 1 Line up 16 and _____.

Step 2 Write 16 as _____.

Step 3 16.0 − 15.4 = _____.

2. How much more is 6.6 than 6.56?

Step 1 Line up 6.6 and _____.

Step 2 Write 6.6 as _____.

Step 3 6.60 − 6.56 = _____.

YOUR TURN

use the steps on your own

3. Subtract.

a. 50 − 44.5 = _____

b. 8.5 − 8.05 = _____

c. 10 − 6.56 = _____

d. 22.96 − 22.5 = _____

e. 2.2 − 2.19 = _____

f. 7 − 4.25 = _____

Divide by a Decimal

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

TODAY'S LESSON	You will change 100 km to miles: 100 ÷ 1.6.
YOU NEED TO	Divide by a decimal, like 33 ÷ 2.2 = 15. **You will use it in Practice Form A, problems 1 and 2.**

STEPS TO FOLLOW

use these same steps on every problem

1. Count the **decimal places** in the divisor.
2. **Move** the point that many places right in both numbers.
3. **Divide** the new numbers.

WATCH ME

the steps in action

Find 33 ÷ 2.2.

Step 1 2.2 has 1 decimal place.

Step 2 Move 1 place right in both: 330 ÷ 22.

Step 3 330 ÷ 22 = 15.

Answer 15

TRY IT WITH HELP

fill in each step

4. Find 8.8 ÷ 2.2.

Step 1 2.2 has _____ decimal place.

Step 2 Move 1 place right in both: _____ ÷ 22.

Step 3 88 ÷ 22 = _____.

5. Find 12 ÷ 0.4.

Step 1 0.4 has _____ decimal place.

Step 2 Move 1 place right in both: _____ ÷ 4.

Step 3 120 ÷ 4 = _____.

YOUR TURN

use the steps on your own

6. Divide.

a. 6 ÷ 1.5 = _____ **b.** 4.5 ÷ 0.9 = _____ **c.** 9 ÷ 0.3 = _____

d. 16 ÷ 3.2 = _____ **e.** 7.5 ÷ 2.5 = _____ **f.** 8.05 ÷ 1.61 = _____

READY CHECK

a problem like the one in today's lesson

7. What is 12.4 ÷ 3.1?

A 0.4 **B** 40 **C** 4 **D** 38.44

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