Name_____ Date_____ Period_____

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

Find Lengths on a Grid

Builds on Grade 5 · 5.G.A.2

TODAY'S LESSON	You will find the distance from (3, 14) to (3, 4): 14 − 4 = 10 units.
YOU NEED TO	Find the length between two Quadrant I points that share an x or a y. **You will use it in Practice Form A, problems 1 and 6.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the coordinate that is the **same**.
2. Look at the coordinates that **change**.
3. **Subtract**: bigger − smaller.

WATCH ME

the steps in action

Find the length from (2, 3) to (2, 9).

Step 1 x is the same: 2.

Step 2 y changes: 3 and 9.

Step 3 9 − 3 = 6.

Answer **6 units**

TRY IT WITH HELP

fill in each step

1. Find the length from (1, 5) to (8, 5).

Step 1 The _____ is the same.

Step 2 x changes: _____ and _____

Step 3 8 − 1 = _____ units

2. Find the length from (21, 18) to (21, 7).

Step 1 The _____ is the same.

Step 2 y changes: _____ and _____

Step 3 18 − 7 = _____ units

YOUR TURN

use the steps on your own

3. Find each length.

a. (4, 2) and (4, 10) _____

b. (3, 6) and (12, 6) _____

c. (5, 1) and (5, 15) _____

d. (2, 7) and (20, 7) _____

Add and Subtract Decimals

Builds on Grade 5 · 5.NBT.B.7

TODAY'S LESSON	In Session 2, Ana walks from y = 5.75 to y = −3.25. That is 5.75 + 3.25 units.
YOU NEED TO	Add and subtract decimals, like 5.75 + 3.25. **You will use it in Session 2 Practice Form A, problem 7.**

STEPS TO FOLLOW

use these same steps on every problem

1. Line up the **decimal points**.
2. **Add** or subtract like whole numbers.
3. Bring the **point** straight down.

WATCH ME

the steps in action

Find 8.5 + 3.5.

Step 1 Write 8.5 over 3.5.
Step 2 85 + 35 = 120.
Step 3 12.0 = 12.
Answer **12.0**

TRY IT WITH HELP

fill in each step

4. Find 5.75 + 3.25.

Step 1 Write 5.75 over _____
Step 2 575 + 325 = _____
Step 3 Answer: _____

5. Find 9.75 − 5.75.

Step 1 Write 9.75 over _____
Step 2 975 − 575 = _____
Step 3 Answer: _____

YOUR TURN

use the steps on your own

6. Add or subtract.

a. 2.5 + 4.5 = _____ **b.** 6.25 + 1.5 = _____ **c.** 10.4 − 3.2 = _____

d. 7.75 − 2.5 = _____ **e.** 3.6 + 0.4 = _____ **f.** 12.5 − 8.25 = _____

READY CHECK

a problem like the one in today's lesson

7. Ana walks 5.75 units down to 0. Then she walks 3.25 more units. How far does she walk in all?

A 2.5 units **B** 9 units **C** 8.1 units **D** 9.5 units

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