Name_____ Date_____ Period_____

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

Read Number Line Scales

Builds on Grade 2 · 2.MD.B.6

TODAY'S LESSON	You will plot spots like 35 m above and 20 m below sea level on one number line.
YOU NEED TO	Find how much each jump is worth, like 0 to 40 in 8 jumps: each jump is 5. **You will use it in Practice Form A, problems 3 and 6.**

STEPS TO FOLLOW

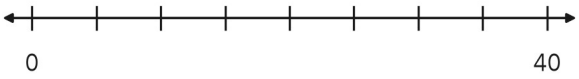
use these same steps on every problem

1. **Subtract** the two labels to find the gap.
2. **Count** the equal jumps between the labels.
3. **Divide**: gap ÷ jumps = size of each jump.

WATCH ME

the steps in action

A line goes from 0 to 40 in 8 equal jumps.
How much is each jump?



Step 1 40 − 0 = 40

Step 2 There are 8 jumps.

Step 3 40 ÷ 8 = 5. Each jump is 5.

Answer **5**

TRY IT WITH HELP

fill in each step

1. A line goes from 0 to 100 in 10 equal jumps. How much is each jump?

Step 1 100 − 0 = _____

Step 2 There are _____ jumps.

Step 3 100 ÷ 10 = _____

2. A line goes from 0 to 60 in 3 equal jumps. How much is each jump?

Step 1 60 − 0 = _____

Step 2 There are _____ jumps.

Step 3 60 ÷ 3 = _____

YOUR TURN

use the steps on your own

3. Find the size of each jump.

a. 0 to 20 in 4 jumps _____

b. 0 to 50 in 5 jumps _____

c. 0 to 30 in 6 jumps _____

d. 0 to 200 in 4 jumps _____

e. 10 to 30 in 4 jumps _____

f. 0 to 12 in 6 jumps _____

Compare Using a Number Line

Builds on Grade 4 · 4.NBT.A.2

TODAY'S LESSON	You will plot 7 under par and 7 over par. One sits left of 0, one sits right.
YOU NEED TO	Know that the number farther right on a number line is greater. **You will use it in Practice Form A, problems 3 and 6.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find **both numbers** on the number line.
2. The number farther **right** is greater.
3. Write **<** or **>**. The open side faces the greater number.

WATCH ME

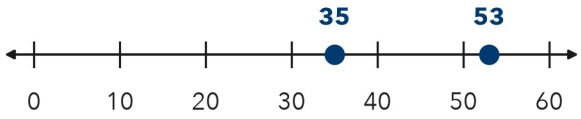
the steps in action

Compare 35 and 53.

Step 1 Find 35 and 53 on the line.

Step 2 53 is farther right, so 53 is greater.

Step 3 35 < 53



Answer **35 < 53**

TRY IT WITH HELP

fill in each step

4. Compare 120 and 102.

Step 1 Find _____ and _____ on the line.

Step 2 Farther right: _____

Step 3 120 _____ 102

5. Compare 19 and 91.

Step 1 Find _____ and _____ on the line.

Step 2 Farther right: _____

Step 3 19 _____ 91

YOUR TURN

use the steps on your own

6. Write < or >.

a. 8 ___ 3 _____ **b.** 240 ___ 204 _____ **c.** 47 ___ 74 _____

d. 150 ___ 105 _____ **e.** 86 ___ 68 _____ **f.** 15 ___ 51 _____

READY CHECK

a problem like the one in today's lesson

7. Camp is at 15 m. Ridge Point is at 35 m. Which is farther right on a number line?

A 15 **B** 35 **C** the same place **D** 0

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