Name_____ Date_____ Period_____

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

Spot Rising and Falling Patterns

Builds on Grade 4 · 4.OA.C.5

TODAY'S LESSON	You will name a histogram's shape. In problem 5, bars 9, 5, 2, 1, 1 fall from left to right.
YOU NEED TO	Tell if a list of bar heights rises, falls, or rises then falls. **You will use it in Practice Form A, problems 1 and 5.**

STEPS TO FOLLOW

use these same steps on every problem

1 Find the **peak**, the largest number.

2 Is the peak **first**, last, or in the middle?

3 First: falls. Last: rises. Middle: **rises, then falls**.

WATCH ME

the steps in action

Bar heights: 2, 5, 8, 4, 1. Describe the pattern.

Step 1 The peak is 8.

Step 2 8 is in the middle.

Step 3 Middle: rises, then falls.

Answer **rises, then falls**

TRY IT WITH HELP

fill in each step

1. Bar heights: 9, 7, 4, 2. Describe the pattern.

Step 1 The peak is _____.

Step 2 The peak is _____ in the list.

Step 3 The pattern _____.

2. Bar heights: 1, 3, 6, 8. Describe the pattern.

Step 1 The peak is _____.

Step 2 The peak is _____ in the list.

Step 3 The pattern _____.

YOUR TURN

use the steps on your own

3. Write rises, falls, or rises, then falls.

a. 2, 6, 9, 5, 1 _____

b. 12, 10, 5, 3, 1 _____

c. 3, 8, 10, 6, 2 _____

d. 4, 5, 9, 11 _____

e. 1, 2, 4, 7 _____

f. 10, 6, 3, 2 _____

How Many More or Fewer

Builds on Grade 3 · 3.MD.B.3

TODAY'S LESSON	In Session 1 problem 4, there are 9 values in all. Bars of 2 and 4 hold 6. You subtract to find the last bar.
YOU NEED TO	Subtract to find how many more one bar holds. **You will use it in Session 1 Practice Form A, problem 4.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **two** numbers to compare.
2. **Subtract**: greater minus smaller.
3. Say how many **more** in a sentence.

WATCH ME

the steps in action

Soccer has 12 votes. Tennis has 5 votes. How many more votes does soccer have?

Step 1 Compare 12 and 5.

Step 2 12 − 5 = 7.

Step 3 Soccer has 7 more votes.

Answer **7 more votes**

TRY IT WITH HELP

fill in each step

4. One bar is 7 tall. Another bar is 3 tall. How many more?

Step 1 Compare _____ and _____.

Step 2 7 − 3 = _____.

Step 3 The taller bar has _____ more values.

5. Bar A is 15 tall. Bar B is 8 tall. How many fewer does Bar B have?

Step 1 Compare _____ and _____.

Step 2 15 − 8 = _____.

Step 3 Bar B has _____ fewer values.

YOUR TURN

use the steps on your own

6. Find the difference.

a. 15 − 8 = _____ **b.** 23 − 9 = _____ **c.** 40 − 27 = _____

d. 31 − 17 = _____ **e.** 52 − 35 = _____ **f.** 60 − 44 = _____

READY CHECK

a problem like the one in today's lesson

7. Bars are 3, 8, and 3 tall. How many more is the tall bar than a short bar?

A 3 **B** 5 **C** 8 **D** 11

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