Name_____ Date_____ Period_____

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

Find the Halfway Number

Builds on Grade 5 · 5.NBT.B.7

TODAY'S LESSON	Rainfall in order is 2, 4, 5, 7, 9, 11. The median is halfway between 5 and 7.
YOU NEED TO	Find the number halfway between two numbers. **You will use it in Practice Form A, problems 2 and 7.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **distance**: greater minus smaller.
2. Take **half** of the distance.
3. **Add** that half to the smaller number.

WATCH ME

the steps in action

What number is halfway between 12 and 17?

Step 1 17 − 12 = 5.

Step 2 Half of 5 is 2.5.

Step 3 12 + 2.5 = 14.5.

Answer **14.5**

TRY IT WITH HELP

fill in each step

1. What number is halfway between 20 and 30?

Step 1 30 − 20 = _____.

Step 2 Half of 10 is _____.

Step 3 20 + 5 = _____.

2. What number is halfway between 13 and 18?

Step 1 18 − 13 = _____.

Step 2 Half of 5 is _____.

Step 3 13 + 2.5 = _____.

YOUR TURN

use the steps on your own

3. Find the halfway number.

a. 8 and 12: _____ **b.** 15 and 21: _____ **c.** 30 and 50: _____

d. 45 and 52: _____ **e.** 70 and 71: _____ **f.** 6 and 15: _____

Median of an Odd Set

Builds on Lesson 2-3 Session 1 · 6.SP.B.5c

TODAY'S LESSON	In problem 5, two readers join five readers. Seven times have one middle.
YOU NEED TO	Find the median of an odd number of values. **You will use it in Practice Form A, problems 5 and 7.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Order** the values.
2. Count. Find the **middle** place.
3. The value in that place is the **median**.

WATCH ME

the steps in action

Find the median of 31, 24, 39, 28, 35, 20, 33.

Step 1 In order: 20, 24, 28, 31, 33, 35, 39.

Step 2 7 values. The middle is the 4th.

Step 3 The 4th value is 31.

Answer **31**

TRY IT WITH HELP

fill in each step

4. Find the median of 8, 3, 11, 5, 9.

Step 1 In order: _____.

Step 2 5 values. The middle is the _____.

Step 3 The median is _____.

5. Find the median of 17, 12, 20, 15, 14.

Step 1 In order: _____.

Step 2 5 values. The middle is the _____.

Step 3 The median is _____.

YOUR TURN

use the steps on your own

6. Order each set. Then write the median.

a. 6, 6, 2, 9, 4 _____

b. 101, 99, 105, 97, 110 _____

c. 40, 35, 52, 48, 37, 44, 50 _____

d. 23, 19, 30, 27, 21, 25, 28, 18, 26 _____

READY CHECK

a problem like the one in today's lesson

7. What is the median of 7, 2, 9, 4, 6?

A 9 **B** 6 **C** 4 **D** 5.6

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