Name_____ Date_____ Period_____

LESSON 4-3 · SESSION 1 · PREREQUISITE PRACTICE B · SKILL 1 OF 2

Name the Part and the Whole

Builds on Lesson 4-1 Session 1

TODAY'S LESSON	You will estimate what percent 27 km is of a 36 km trail.
YOU NEED TO	Tell which number is the part and which is the whole. **You will use it in Practice, problems 5 and 7.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **whole**: the total, the goal, or the full amount.
2. Find the **part**: the amount done, used, or chosen.
3. Write **part/whole**. The whole always goes on the bottom.

WATCH ME

the steps in action

A jar holds 50 marbles. 20 of them are red.

Step 1 The whole is 50 marbles, the full jar.

Step 2 The part is 20 red marbles.

Step 3 Part/whole = 20/50.

Answer **20/50**

TRY IT WITH HELP

fill in each step

1. Mia's goal is 30 laps. She has swum 12 laps.

Step 1 Whole: _____ laps

Step 2 Part: _____ laps

Step 3 Part/whole = _____

2. 18 of the 24 students brought lunch.

Step 1 Whole: _____ students

Step 2 Part: _____ students

Step 3 Part/whole = _____

YOUR TURN

use the steps on your own

3. Write part/whole for each.

a. 7 of 10 cups are full. _____

b. Ty read 15 of 40 pages. _____

c. We have 63 of 100 cans. _____

d. 9 of 12 eggs are brown. _____

Read a Double Number Line

Builds on Lesson 3-3 Session 1

TODAY'S LESSON	You will fill in a double number line from 0 to 240 pages and a percent bar.
YOU NEED TO	Find the matching number straight across a double number line. **You will use it in Practice, problems 2 and 7.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **jump** on each line: the space between ticks.
2. **Count** by the jump from 0 to fill each blank.
3. Read **straight across** to find the matching number.

WATCH ME

the steps in action

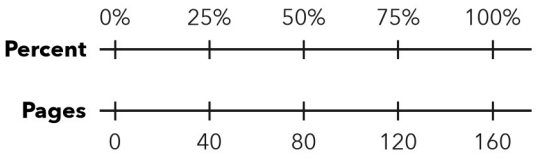
Fill in the pages.

Step 1 Top jumps by 25%. Bottom jumps by 160 ÷ 4 = 40.

Step 2 Count: 40, 80, 120.

Step 3 75% is straight across from 120 pages.

Answer **40, 80, 120 pages**



TRY IT WITH HELP

fill in each step

4. A line goes from 0% to 100% and from 0 to 80 miles, in 4 equal jumps.

Step 1 Bottom jump: 80 ÷ 4 = _____

Step 2 Count: _____, _____, _____

Step 3 50% matches _____ miles.

5. A double number line goes from 0% to 100% and from 0 to 200 miles, in 4 equal jumps.

Step 1 Bottom jump: 200 ÷ 4 = _____

Step 2 Count: _____, _____, _____

Step 3 75% matches _____ miles.

YOUR TURN

use the steps on your own

6. A double number line goes from 0% to 100% and from 0 to 120 points, in 4 equal jumps. What matches each percent?

a. 25% = _____ **b.** 50% = _____ **c.** 75% = _____ **d.** 100% = _____

READY CHECK

a problem like the one in today's lesson

7. A double number line goes from 0 to 360 pages. Which pages match 25%, 50%, and 75%?

A 90, 180, 270 **B** 25, 50, 75 **C** 60, 120, 180 **D** 100, 200, 300

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