Name_____ Date_____ Period_____

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

Recall Multiplication Facts

Builds on Grade 3 · 3.OA.C.7

TODAY'S LESSON	You will simplify 24 : 18 to 4 : 3. You need 6 × 4 = 24 and 6 × 3 = 18.
YOU NEED TO	Find a missing factor, like 6 × □ = 24. **You will use it in Practice Form A, problems 3 and 4.**

STEPS TO FOLLOW

use these same steps on every problem

1. Read the **product** you need.
2. **Skip-count** by the known factor until you reach it.
3. **Count** the skips. That is the missing factor.

WATCH ME

the steps in action

Find the missing factor: 6 × □ = 24.

Step 1 The product is 24.

Step 2 6, 12, 18, 24.

Step 3 4 skips. 6 × 4 = 24.

Answer **4**

TRY IT WITH HELP

fill in each step

1. Find the missing factor: 5 × □ = 15.

Step 1 The product is _____.

Step 2 5, 10, _____

Step 3 _____ skips. 5 × 3 = 15.

2. Find the missing factor: 4 × □ = 20.

Step 1 The product is _____.

Step 2 4, 8, 12, 16, _____

Step 3 _____ skips. 4 × 5 = 20.

YOUR TURN

use the steps on your own

3. Find each missing factor.

a. 3 × □ = 18 _____ **b.** 7 × □ = 28 _____ **c.** 8 × □ = 24 _____

d. 9 × □ = 36 _____ **e.** 6 × □ = 42 _____ **f.** 5 × □ = 30 _____

Write Fractions for Parts

Builds on Grade 3 · 3.NF.A.1

TODAY'S LESSON	In a stack of 30 books, 12 are comics. Mystery books to all books is 18/30.
YOU NEED TO	Write a part of a group as a fraction: part over total. **You will use it in Practice Form A, problems 5 and 6.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **part** you are asked about.
2. Add to find the **total**.
3. Write part **over** total.

WATCH ME

the steps in action

A bag has 4 red cubes and 6 blue cubes. What fraction is red?

Step 1 The part is 4 red cubes.

Step 2 4 + 6 = 10.

Step 3 4/10.

Answer **4/10**

TRY IT WITH HELP

fill in each step

4. A shelter has 3 cats and 5 dogs. What fraction are cats?

Step 1 The part is _____ cats.

Step 2 3 + 5 = _____

Step 3 _____/_____

5. A bowl has 2 apples, 4 pears and 1 plum. What fraction are pears?

Step 1 The part is _____ pears.

Step 2 2 + 4 + 1 = _____

Step 3 _____/_____

YOUR TURN

use the steps on your own

6. Write the fraction. You do not need to simplify.

a. 5 boys, 6 girls: boys _____

b. 7 red, 2 green: green _____

c. 3 cars, 4 vans, 2 buses: vans _____

d. 10 pens, 15 pencils: pens _____

READY CHECK

a problem like the one in today's lesson

7. A team has 15 sprinters and 10 distance runners. What fraction of the team are sprinters?

A 15/10 **B** 15/25 **C** 10/25 **D** 10/15

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