Name_____ Date_____ Period_____

LESSON 4-5 · SESSION 1 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Check Division with Multiplication

Builds on Grade 4

TODAY'S LESSON	You will find 10% of the puzzle by dividing 84 by 7. Then you check by multiplying.
YOU NEED TO	Check a division answer by multiplying, like 13 × 7 = 91. **You will use it in Practice, problems 3 and 5.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Divide** to find the answer.
2. **Multiply** the answer by the number you divided by.
3. **Compare** with the number you started with. They must match.

WATCH ME

the steps in action

Find 91 ÷ 7. Check it.

Step 1 91 ÷ 7 = 13.

Step 2 13 × 7 = 91.

Step 3 91 matches 91. It checks.

Answer **91 ÷ 7 = 13**

TRY IT WITH HELP

fill in each step

1. Find 96 ÷ 8. Check it.

Step 1 96 ÷ 8 = _____

Step 2 _____ × 8 = _____

Step 3 _____ matches 96. It checks.

2. Find 135 ÷ 9. Check it.

Step 1 135 ÷ 9 = _____

Step 2 _____ × 9 = _____

Step 3 _____ matches 135. It checks.

YOUR TURN

use the steps on your own

3. Divide. Then check by multiplying.

a. 36 ÷ 3 = _____

b. 72 ÷ 6 = _____

c. 90 ÷ 5 = _____

d. 63 ÷ 3 = _____

e. 150 ÷ 6 = _____

f. 84 ÷ 4 = _____

Find Factor Pairs

Builds on Grade 4

TODAY'S LESSON	You will step down from 28% to 4%, because 28 = 4 × 7.
YOU NEED TO	Find a factor pair for a number like 28: 4 × 7. **You will use it in Practice, problems 4 and 8.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Try** a small number. Does it divide your number evenly?
2. **Divide** to find the other factor.
3. **Write** the pair: number = factor × factor.

WATCH ME

the steps in action

Find a factor pair for 28. Try 4.

Step 1 Does 4 divide 28 evenly? Yes: 4 × 7 = 28.

Step 2 28 ÷ 4 = 7.

Step 3 28 = 4 × 7.

Answer **28 = 4 × 7**

TRY IT WITH HELP

fill in each step

4. Find a factor pair for 15. Try 3.

Step 1 Does 3 divide 15 evenly? _____

Step 2 15 ÷ 3 = _____

Step 3 15 = 3 × _____

5. Find a factor pair for 70. Try 7.

Step 1 Does 7 divide 70 evenly? _____

Step 2 70 ÷ 7 = _____

Step 3 70 = 7 × _____

YOUR TURN

use the steps on your own

6. Write the other factor.

a. 21 = 3 × ___ ____

b. 35 = 5 × ___ ____

c. 45 = 9 × ___ ____

d. 54 = 6 × ___ ____

e. 72 = 8 × ___ ____

f. 60 = 4 × ___ ____

READY CHECK

a problem like the one in today's lesson

7. A bottle has 36 mL left. That is 15% of the full bottle. How do you step down to 5%?

A Divide 36 by 3, since 15 = 3 × 5

B Divide 36 by 5, since 15 = 3 × 5

C Divide 36 by 15

D Multiply 36 by 3

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