Name_____ Date_____ Period_____

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

Find the Greatest Common Factor

Builds on Grade 4 · 4.OA.B.4

TODAY'S LESSON	You will divide 24 : 30 by its GCF to get a bridge ratio.
YOU NEED TO	Find the greatest common factor of two numbers, like 6 for 12 and 18. **You will use it in Practice Form A, problems 1 and 6.**

STEPS TO FOLLOW

use these same steps on every problem

1. **List** the factors of the smaller number.
2. **Cross out** the ones that do not divide the larger number.
3. The **greatest** one left is the GCF.

WATCH ME

the steps in action

Find the GCF of 12 and 18.

Step 1 Factors of 12: 1, 2, 3, 4, 6, 12.

Step 2 4 and 12 do not divide 18. Cross them out.

Step 3 Left: 1, 2, 3, 6. The GCF is 6.

Answer **6**

TRY IT WITH HELP

fill in each step

1. Find the GCF of 8 and 12.

Step 1 Factors of 8: _____.

Step 2 Cross out _____. It does not divide 12.

Step 3 The GCF is _____.

2. Find the GCF of 10 and 25.

Step 1 Factors of 10: _____.

Step 2 Cross out _____. They do not divide 25.

Step 3 The GCF is _____.

YOUR TURN

use the steps on your own

3. Find the GCF of each pair.

a. 6 and 9: _____ **b.** 4 and 10: _____ **c.** 14 and 21: _____

d. 15 and 20: _____ **e.** 12 and 16: _____ **f.** 18 and 24: _____

Divide With Decimal Quotients

Builds on Grade 5 · 5.NBT.B.7

TODAY'S LESSON	You will find the fruit for 1 smoothie when 4 smoothies use 10 cups.
YOU NEED TO	Divide when the answer is a decimal, like 10 ÷ 4 = 2.5. **You will use it in Practice Form A, problems 7 and 8.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Divide** to get a whole number and a remainder.
2. Write the remainder over the **divisor** as a fraction.
3. **Change** the fraction to a decimal and add it on.

WATCH ME

the steps in action

Find 18 ÷ 4.

Step 1 18 ÷ 4 = 4 R 2.

Step 2 The remainder is 2 out of 4: 2/4.

Step 3 2/4 = 1/2 = 0.5. So 18 ÷ 4 = 4.5.

Answer 4.5

TRY IT WITH HELP

fill in each step

4. Find 9 ÷ 4.

Step 1 9 ÷ 4 = _____ R _____.

Step 2 Remainder over divisor: _____/4.

Step 3 1/4 = 0.25, so 9 ÷ 4 = _____.

5. Find 12 ÷ 5.

Step 1 12 ÷ 5 = _____ R _____.

Step 2 Remainder over divisor: _____/5.

Step 3 2/5 = 0.4, so 12 ÷ 5 = _____.

YOUR TURN

use the steps on your own

6. Divide. Write each answer as a decimal.

a. 9 ÷ 2 = _____ **b.** 15 ÷ 2 = _____ **c.** 7 ÷ 4 = _____

d. 13 ÷ 4 = _____ **e.** 6 ÷ 5 = _____ **f.** 21 ÷ 6 = _____

READY CHECK

a problem like the one in today's lesson

7. A baker uses 7 cups of flour for 4 loaves. How much flour is in 1 loaf?

A 1.3 cups **B** 0.57 cups **C** 1.75 cups **D** 28 cups

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