Name_____ Date_____ Period_____

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

Divide Decimals by Whole Numbers

Builds on Lesson 2-7 Session 1 · 6.NS.B.3

TODAY'S LESSON	Pack 2 has 6 notebooks for $8.40. The price per notebook is $8.40 ÷ 6.
YOU NEED TO	Divide a decimal by a whole number, like $8.40 ÷ 6. **You will use it in Practice Form A, problems 1 and 4.**

STEPS TO FOLLOW

use these same steps on every problem

1. Divide like **whole numbers**. Ignore the point.
2. Put the **point** in the quotient right above the point.
3. **Check**: quotient × divisor = dividend.

WATCH ME

the steps in action

Find $8.40 ÷ 6.

Step 1 840 ÷ 6 = 140.

Step 2 The point goes above the point: 1.40.

Step 3 1.40 × 6 = 8.40.

Answer **$1.40**

TRY IT WITH HELP

fill in each step

1. Find $4.50 ÷ 6.

Step 1 450 ÷ 6 = _____

Step 2 Place the point: _____

Step 3 0.75 × 6 = _____

2. Find $6.60 ÷ 3.

Step 1 660 ÷ 3 = _____

Step 2 Place the point: _____

Step 3 2.20 × 3 = _____

YOUR TURN

use the steps on your own

3. Divide.

a. $9.00 ÷ 4 = _____ **b.** $2.50 ÷ 10 = _____ **c.** $1.80 ÷ 12 = _____

d. $6.00 ÷ 8 = _____ **e.** $3.60 ÷ 3 = _____ **f.** $10.50 ÷ 3 = _____

Find a Unit Rate

Builds on Lesson 3-2 Session 1 · 6.RP.A.2

TODAY'S LESSON	Streamify costs $27 for 3 months. You find the cost for 1 month.
YOU NEED TO	Find a unit rate: divide to get the amount for 1. **You will use it in Practice Form A, problems 5 and 6.**

STEPS TO FOLLOW

use these same steps on every problem

1. Write the rate as a **fraction** with units.
2. **Divide** the top by the bottom.
3. Write the answer **per 1** unit.

WATCH ME

the steps in action

Find the unit rate: $27 for 3 months.

Step 1 $27/3 months.
Step 2 27 ÷ 3 = 9.
Step 3 $9 per month.
Answer **$9 per month**

TRY IT WITH HELP

fill in each step

4. Find the unit rate: $64 for 8 months.

Step 1 Rate: $_____/_____ months
Step 2 64 ÷ 8 = _____
Step 3 $_____ per month

5. Find the unit rate: $16.25 for 5 pairs.

Step 1 Rate: $16.25/_____ pairs
Step 2 16.25 ÷ 5 = _____
Step 3 $_____ per pair

YOUR TURN

use the steps on your own

6. Find each unit rate.

a. $10.50 for 3 pairs _____
b. $6.00 for 4 notebooks _____
c. $35 for 7 days _____
d. $2.88 for 32 oz _____

READY CHECK

a problem like the one in today's lesson

7. Plan A costs $30 for 3 months. Plan B costs $56 for 7 months. Which has the lower monthly fee?

A Plan A, $10 **B** Plan B, $8 **C** Plan A, $8 **D** Plan B, $56

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