Name_____ Date_____ Period_____

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

Multiply Decimals by Whole Numbers

Builds on Grade 5

TODAY'S LESSON	You will find 35% of 160 pizzas by multiplying 0.35 × 160.
YOU NEED TO	Multiply a decimal like 0.35 by a whole number like 160. **You will use it in Practice, problems 4 and 5.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Ignore** the decimal point. Multiply the whole numbers.
2. **Count** the digits after the point in the decimal.
3. Put the point back: **move left** that many places.

WATCH ME

the steps in action

Find 0.35 × 20.

Step 1 35 × 20 = 700.

Step 2 0.35 has 2 digits after the point.

Step 3 Move 2 places left: 7.00 = 7.

Answer **0.35 × 20 = 7**

TRY IT WITH HELP

fill in each step

1. Find 0.4 × 30.

Step 1 4 × 30 = _____

Step 2 0.4 has _____ digit after the point.

Step 3 Move _____ place left: _____

2. Find 0.15 × 60.

Step 1 15 × 60 = _____

Step 2 0.15 has _____ digits after the point.

Step 3 Move _____ places left: _____

YOUR TURN

use the steps on your own

3. Multiply.

a. 0.2 × 45 = _____

b. 0.5 × 64 = _____

c. 0.25 × 40 = _____

d. 0.6 × 15 = _____

e. 0.12 × 50 = _____

f. 0.75 × 80 = _____

Find the Rest of the Whole

Builds on Grade 4

TODAY'S LESSON	You will find how many pages are still left after Lena reads 208 of 320.
YOU NEED TO	Subtract the part from the whole, like 320 − 208. **You will use it in Practice, problems 5 and 8.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **whole**: the total amount.
2. Find the **part** you already know.
3. **Subtract**: whole − part = the rest.

WATCH ME

the steps in action

A box has 48 crayons. 19 are broken. How many are not broken?

Step 1 Whole: 48 crayons.

Step 2 Part: 19 broken crayons.

Step 3 48 − 19 = 29.

Answer **29 crayons are not broken.**

TRY IT WITH HELP

fill in each step

4. A bus has 60 seats. 37 are taken. How many are empty?

Step 1 Whole: _____ seats

Step 2 Part: _____ seats

Step 3 _____ − _____ = _____ empty seats

5. A book has 250 pages. Sam read 175. How many are left?

Step 1 Whole: _____ pages

Step 2 Part: _____ pages

Step 3 _____ − _____ = _____ pages left

YOUR TURN

use the steps on your own

6. Find the rest. Subtract the part from the whole.

a. Whole 100, part 64: _____

b. Whole 400, part 156: _____

c. Whole 1,000, part 650: _____

d. Whole 75, part 28: _____

READY CHECK

a problem like the one in today's lesson

7. A box holds 200 cards. 60% of them, 120 cards, are sports cards. How many are not sports cards?

A 80 **B** 140 **C** 40 **D** 320

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