Name_____ Date_____ Period_____

LESSON 9-2 · SESSION 1 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Multiply Two-Digit Numbers

Builds on Grade 4 · 4.NBT.B.5

TODAY'S LESSON	You will write the pair for 5 rows of 18 seeds: (5, 90).
YOU NEED TO	Multiply a two-digit number by a one-digit number, like 18 × 5. **You will use it in Practice Form A, problems 3 and 6.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Split** the two-digit number into tens and ones.
2. **Multiply** each part by the one-digit number.
3. **Add** the two products.

WATCH ME

the steps in action

18 × 7

Step 1 18 = 10 + 8

Step 2 10 × 7 = 70. 8 × 7 = 56.

Step 3 70 + 56 = 126

Answer **126**

TRY IT WITH HELP

fill in each step

1. 16 × 5

Step 1 16 = 10 + _____

Step 2 10 × 5 = _____. 6 × 5 = _____.

Step 3 50 + 30 = _____

2. 45 × 3

Step 1 45 = _____ + 5

Step 2 40 × 3 = _____. 5 × 3 = _____.

Step 3 120 + 15 = _____

YOUR TURN

use the steps on your own

3. Multiply. Use the same three steps.

a. 24 × 6 = _____ **b.** 35 × 4 = _____ **c.** 12 × 9 = _____

d. 50 × 7 = _____ **e.** 25 × 8 = _____ **f.** 16 × 5 = _____

Plot Points on Scaled Axes

Builds on Grade 5 · 5.G.A.2

TODAY'S LESSON	You will plot (5, 45) on a grid where the *y*-axis counts by 5s.
YOU NEED TO	Find how many spaces up to go when each space counts by more than 1. **You will use it in Practice Form A, problems 2 and 5.**

STEPS TO FOLLOW

use these same steps on every problem

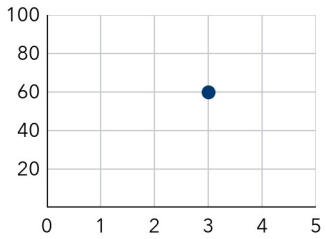
1. Find the **step**: how much one space up is worth.
2. Go **across** to the *x*-value.
3. **Divide** the *y*-value by the step. Go up that many spaces.

WATCH ME

the steps in action

Plot (3, 60). The *y*-axis counts by 20s.

Step 1 One space up is 20.
Step 2 Go across to 3.
Step 3 60 ÷ 20 = 3. Go up 3 spaces.
Answer **3 across, 3 spaces up**



TRY IT WITH HELP

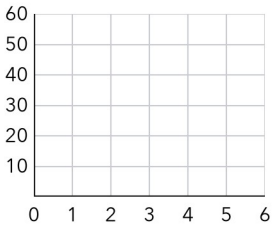
fill in each step

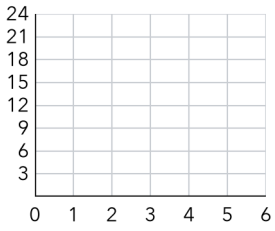
4. Plot (2, 40). The *y*-axis counts by 10s.

Step 1 One space up is _____.
Step 2 Go across to _____.
Step 3 40 ÷ 10 = _____. Go up that many spaces.

5. Plot (4, 15). The *y*-axis counts by 3s.

Step 1 One space up is _____.
Step 2 Go across to _____.
Step 3 15 ÷ 3 = _____. Go up that many spaces.





Problem 4 grid (left). Problem 5 grid (right).

YOUR TURN

use the steps on your own

6. The *y*-axis counts by 5s. How many spaces up is each point?

a. (1, 10): _____ **b.** (3, 25): _____ **c.** (5, 35): _____

d. (6, 0): _____

READY CHECK

a problem like the one in today's lesson

7. The *y*-axis counts by 5s. How many spaces up is (6, 30)?

A 30 **B** 5 **C** 6 **D** 25

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