Name_____ Date_____ Period_____

LESSON 6-5 · SESSION 2 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Use Order of Operations

Builds on Grade 5 · 5.OA.A.1

TODAY'S LESSON	After you put 3 into $4h + 5$, you find $4 \times 3 + 5$. Multiply first.
YOU NEED TO	Multiply and divide before you add and subtract, like $4 \times 3 + 5$. **You will use it in Practice Form A, problems 2 and 3.**

STEPS TO FOLLOW

use these same steps on every problem

1 Do × and ÷ **first**, left to right.

2 **Rewrite** the expression with that answer.

3 Do + and − **last**, left to right.

WATCH ME

the steps in action

Evaluate $4 \times 3 + 5$.

Step 1 $4 \times 3 = 12$.

Step 2 $12 + 5$.

Step 3 $12 + 5 = 17$.

Answer 17

TRY IT WITH HELP

fill in each step

1. Evaluate $9 \times 4 + 14$.

Step 1 $9 \times 4 =$ _____

Step 2 _____ $+ 14$

Step 3 $36 + 14 =$ _____

2. Evaluate $25 - 3 \times 2$.

Step 1 $3 \times 2 =$ _____

Step 2 $25 -$ _____

Step 3 $25 - 6 =$ _____

YOUR TURN

use the steps on your own

3. Evaluate.

a. $6 \times 7 - 9 =$ _____

b. $50 - 4 \times 7 =$ _____

c. $3 \times 5 + 2 \times 4 =$ _____

d. $12 \times 3 + 20 =$ _____

e. $18 + 7 \times 2 =$ _____

f. $40 \div 8 + 1 =$ _____

Multiply by a One-Digit Number

Builds on Grade 4 · 4.NBT.B.5

TODAY'S LESSON	Evaluating $9r + 14$ for $r = 4$ starts with 9×4. Products must be quick.
YOU NEED TO	Multiply a 2-digit number by a 1-digit number, like 12×6. **You will use it in Practice Form A, problems 3 and 8.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Break** the 2-digit number into tens and ones.
2. **Multiply** each part by the 1-digit number.
3. **Add** the parts.

WATCH ME

the steps in action

Find 12×6.

Step 1 $12 = 10 + 2$.

Step 2 $10 \times 6 = 60$ and $2 \times 6 = 12$.

Step 3 $60 + 12 = 72$.

Answer 72

TRY IT WITH HELP

fill in each step

4. Find 25×3.

Step 1 $25 = 20 +$ _____

Step 2 $20 \times 3 =$ _____ and $5 \times 3 =$ _____

Step 3 $60 + 15 =$ _____

5. Find 17×4.

Step 1 $17 = 10 +$ _____

Step 2 $10 \times 4 =$ _____ and $7 \times 4 =$ _____

Step 3 $40 + 28 =$ _____

YOUR TURN

use the steps on your own

6. Multiply.

a. $14 \times 5 =$ _____ **b.** $23 \times 3 =$ _____ **c.** $16 \times 4 =$ _____

d. $45 \times 2 =$ _____ **e.** $32 \times 7 =$ _____ **f.** $19 \times 6 =$ _____

READY CHECK

a problem like the one in today's lesson

7. A plan costs $12g + 20$ dollars. Find the cost when $g = 6$.

A 38 **B** 72 **C** 92 **D** 192

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