Name_____ Date_____ Period_____

LESSON 6-4 · SESSION 2 · PREREQUISITE PRACTICE A · SKILL 1 OF 2

Use Order of Operations

Builds on Grade 5 · 5.OA.A.1

TODAY'S LESSON	You will evaluate 20 − 3 × 4. Multiply first: 20 − 12 = 8.
YOU NEED TO	Multiply and divide before you add and subtract. **You will use it in Practice Form A, problems 1 and 8.**

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 5 + 4 × 3.

Step 1 4 × 3 = 12.

Step 2 5 + 12.

Step 3 5 + 12 = 17.

Answer **17**

TRY IT WITH HELP

fill in each step

1. Evaluate 18 − 10 ÷ 2.

Step 1 10 ÷ 2 = _____

Step 2 18 − _____

Step 3 18 − 5 = _____

2. Evaluate 6 × 2 + 8 ÷ 4.

Step 1 6 × 2 = _____ and 8 ÷ 4 = _____

Step 2 _____ + _____

Step 3 12 + 2 = _____

YOUR TURN

use the steps on your own

3. Evaluate.

a. 2 + 3 × 5 = _____

b. 20 − 4 × 4 = _____

c. 9 + 12 ÷ 3 = _____

d. 30 − 6 × 2 = _____

e. 7 × 2 + 1 = _____

f. 24 ÷ 6 − 3 = _____

Evaluate Brackets and Parentheses

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TODAY'S LESSON	You will evaluate $(4 + 2)^2 \div 4 + 13$. Start inside: $4 + 2 = 6$.
YOU NEED TO	Work inside parentheses first, like $(20 - 3) \times 4$. **You will use it in Practice Form A, problems 3 and 4.**

STEPS TO FOLLOW

use these same steps on every problem

1. Work **inside** the parentheses first.
2. **Rewrite** the expression with that answer.
3. **Finish**: × and ÷, then + and −.

WATCH ME

the steps in action

Evaluate $2 \times (8 + 7)$.

Step 1 $8 + 7 = 15$.

Step 2 2×15.

Step 3 $2 \times 15 = 30$.

Answer 30

TRY IT WITH HELP

fill in each step

4. Evaluate $(20 - 3) \times 4$.

Step 1 $20 - 3 =$ _____

Step 2 _____ $\times 4$

Step 3 $17 \times 4 =$ _____

5. Evaluate $30 - (4 + 2) \times 3$.

Step 1 $4 + 2 =$ _____

Step 2 $30 -$ _____ $\times 3$

Step 3 $30 - 18 =$ _____

YOUR TURN

use the steps on your own

6. Evaluate.

a. $(5 + 3) \times 2 =$ _____ **b.** $4 \times (9 - 6) =$ _____ **c.** $(12 + 8) \div 5 =$ _____

d. $20 - (3 + 7) =$ _____ **e.** $(6 - 1) \times 5 =$ _____ **f.** $3 + (10 \div 2) =$ _____

READY CHECK

a problem like the one in today's lesson

7. Evaluate $(4 + 2) \times 3 + 1$.

A 11 **B** 15 **C** 19 **D** 24

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