Name_____ Date_____ Period_____

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

Write Numerical Expressions

Builds on Lesson 6-4 Session 1 · 6.EE.A.2

TODAY'S LESSON	$8 per ticket plus a $25 fee is $8t + 25$. The $8 repeats; the $25 is paid once.
YOU NEED TO	Write an expression for a cost, like 6 × 5 + 12. **You will use it in Practice Form A, problems 3 and 5.**

STEPS TO FOLLOW

use these same steps on every problem

1 Find each **group**: number × price.

2 Find any **one-time** amount.

3 **Join** the parts with + or −.

WATCH ME

the steps in action

Tickets are $6 each for 5 people, plus a $12 fee. Write the cost.

Step 1 Group: 5 × 6.

Step 2 One-time amount: 12.

Step 3 5 × 6 + 12.

Answer **5 × 6 + 12 = 42 dollars**

TRY IT WITH HELP

fill in each step

1. Cups are $3 each for 9 cups, plus a $5 tip. Write the cost.

Step 1 Group: _____ × _____

Step 2 One-time amount: _____

Step 3 Expression: _____

2. A gym is $17 each month for 2 months, plus a $40 fee. Write the cost.

Step 1 Group: _____ × _____

Step 2 One-time amount: _____

Step 3 Expression: _____

YOUR TURN

use the steps on your own

3. Write an expression. Then evaluate.

a. 3 tickets at $8, plus a $25 fee _____

b. 6 days at $5 each _____

c. 7 cups at $4, plus a $2 fee _____

d. 2 shirts at $9, plus $6 tax _____

Write × and ÷ Other Ways

Builds on Grade 5 · 5.NF.B.3

TODAY'S LESSON	You will write "5 times a number x" as $5x$ and "w divided by 3" as $w/3$.
YOU NEED TO	Write $5 \times x$ as $5x$ and $y \div 6$ as $y/6$. **You will use it in Practice Form A, problem 1.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **operation**: × or ÷.
2. For ×, write the number **next to** the letter.
3. For ÷, write a **fraction**: first number on top.

WATCH ME

the steps in action

Write $4 \times n$ and $n \div 2$ another way.

Step 1 $4 \times n$ has ×. $n \div 2$ has ÷.

Step 2 $4 \times n = 4n$.

Step 3 $n \div 2 = n/2$.

Answer $4n$ **and** $n/2$

TRY IT WITH HELP

fill in each step

4. Write $7 \times y$ and $y \div 3$ another way.

Step 1 $7 \times y$ has _____. $y \div 3$ has _____.

Step 2 $7 \times y =$ _____

Step 3 $y \div 3 =$ _____

5. Write $2 \times w$ and $w \div 5$ another way.

Step 1 $2 \times w$ has _____. $w \div 5$ has _____.

Step 2 $2 \times w =$ _____

Step 3 $w \div 5 =$ _____

YOUR TURN

use the steps on your own

6. Write each one another way.

a. $3 \times a$ _____ **b.** $b \div 4$ _____ **c.** $10 \times m$ _____

d. $k \div 8$ _____ **e.** $6 \times t$ _____ **f.** $x \div 2$ _____

READY CHECK

a problem like the one in today's lesson

7. Which means "the quotient of w and 3"?

A $3w$ **B** $w/3$ **C** $3/w$ **D** $w - 3$

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