Name_____ Date_____ Period_____

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

Translate Math Words to Symbols

Builds on Grade 5 · 5.OA.A.2

TODAY'S LESSON	You will write "4 more than the product of 6 and 3" as 6 × 3 + 4.
YOU NEED TO	Match math words to signs: "sum" means + and "product" means ×. **You will use it in Practice Form A, problem 1.**

STEPS TO FOLLOW

use these same steps on every problem

1. **Find** the operation words: sum, difference, product, quotient, more, less.
2. **Match** each word to its sign: + − × ÷.
3. **Write** the expression with numbers and signs.

WATCH ME

the steps in action

Write "2 more than the product of 4 and 5."

Step 1 The words are "more than" and "product."

Step 2 More than means +. Product means ×.

Step 3 Write the product first: 4 × 5 + 2.

Answer **4 × 5 + 2**

TRY IT WITH HELP

fill in each step

1. Write "the sum of 9 and 6."

Step 1 The word is _____.

Step 2 Sum means _____.

Step 3 The expression is _____.

2. Write "5 less than the quotient of 24 and 6."

Step 1 The words are _____ and _____.

Step 2 Less than means −. Quotient means _____.

Step 3 The expression is 24 ÷ 6 _____ 5.

YOUR TURN

use the steps on your own

3. Write an expression. Do not evaluate.

a. the product of 8 and 2 _____

b. the difference of 15 and 7 _____

c. the sum of 4 and 11 _____

d. the quotient of 30 and 6 _____

e. 3 more than 10 _____

f. the product of 5 and 9, minus 1 _____

Solve Two-Step Word Problems

Builds on Grade 4 · 4.OA.A.3

TODAY'S LESSON	A trip costs $13 for each of 20 students, plus one $25 bus fee: 13 × 20 + 25.
YOU NEED TO	Solve a problem with two steps: multiply, then add or subtract. **You will use it in Practice Form A, problems 3 and 8.**

STEPS TO FOLLOW

use these same steps on every problem

1. Find the **repeated** part. Multiply.
2. Find the **one-time** part.
3. **Add** or subtract to finish.

WATCH ME

the steps in action

Tickets are $6 each for 5 people, plus one $10 fee. Find the total.

Step 1 6 × 5 = 30.
Step 2 The one-time fee is $10.
Step 3 30 + 10 = 40.
Answer **$40**

TRY IT WITH HELP

fill in each step

4. Pens are $2 each. Ana buys 8 pens and one $5 bag. Find the total.

Step 1 2 × 8 = _____
Step 2 The one-time part is $_____.
Step 3 16 + 5 = _____

5. Lunch is $4 each for 10 kids. They use one $6 coupon. Find the total.

Step 1 4 × 10 = _____
Step 2 The one-time part is $_____.
Step 3 40 − 6 = _____

YOUR TURN

use the steps on your own

6. Find each total.

a. $3 each for 7 books, plus $4 shipping _____

b. $5 each for 6 shirts, plus $8 tax _____

c. $9 each for 4 tickets, minus $6 off _____

d. $12 each for 3 games, plus a $5 fee _____

READY CHECK

a problem like the one in today's lesson

7. A trip costs $10 for each of 15 students, plus one $20 bus fee. What is the total cost?

A $45 **B** $150 **C** $170 **D** $350

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