Multiplication Word Problems Worksheet

Practice multiplying equal groups to find totals in word problems.

NAME _____ DATE _____ SCORE _____

MY GOALS

- **I can practice multiplication word problems.**
- **I can use the word factor.**
- **I can use the word product.**
- **I can use equal groups.**

LEARN IT

Use equal groups to multiply

A multiplication word problem tells about equal groups being combined. First find the number of groups and how many are in each group. Then write a number sentence: groups × items-per-group = total, and calculate the product.

WATCH ME

There are 11 trays with 12 cookies in each. How many cookies in all?

1. Identify the number of groups: 11 trays.
2. Identify items per group: 12 cookies in each tray.
3. Write the number sentence and multiply: 11 × 12 = 132.

ANSWER **132**

KEY WORDS

Equal groups Groups that all have the same number of items.

Factor A number being multiplied.

Product The answer after multiplying.

REMEMBER

- Find the number of equal groups.
- Find how many items are in each group.
- Write groups × items-per-group to get the product.

WATCH OUT

When you get stuck, draw the equal groups and count one group to find how many are in each.

PART A Warm up

1 FILL IN THE BLANK

Calculate the product for each equal-groups statement. Write the number in the blank.

a) 4 groups of 5 = _____

b) 9 groups of 3 = _____

c) 2 rows of 6 = _____

d) 6 boxes with 4 in each = _____

e) 8 times 5 = _____

f) 3 × 4 = _____

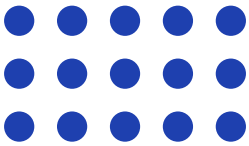
PART B Practice

2 WRITE

Read this problem and explain how you pick the two numbers to multiply. Write the number of groups, the items per group, and the number sentence.
There are 5 packs of stickers. Each pack has 9 stickers. How many stickers in all?

3 FILL IN THE BLANK

Use the array below. Answer each question by writing the number in the blank.



a) How many rows are there? _____

b) How many columns are there? _____

c) How many items in one row? _____

d) What is the total number of items? _____

PART C Apply it

4 WRITE

Maya made 6 bracelets. Each bracelet uses 5 beads. Show how you find the total number of beads and write the number sentence.

PART D Challenge

5 WRITE

A school sets up 4 tables with 6 chairs at each table and 3 more tables with 8 chairs at each. Describe which operations you use to find the total chairs, show the number sentences, and give the final total.

CHECK YOUR WORK

- ☐ I drew or pictured the equal groups when needed
- ☐ I wrote the groups × items-per-group number sentence
- ☐ I calculated each product and checked my totals

HOW DID IT GO? ◯ I can do this on my own ◯ I need a bit more practice ◯ I would like some help