LESSON MAKER PRO

Count the Groups

Use skip counting and multiplication facts.

GRADE 3 · 3.NOS.E.9.a

3.NOS.E.9.a "Skip count (2s, 5s, 10s) and apply properties of operations (0s, 1s) to derive foundational facts."

NAME _____ DATE _____

COUNT TO MULTIPLY

To multiply by 2, 5, or 10, skip-count once for each group. A number times 1 stays the same. A number times 0 is 0.

WORKED EXAMPLE

Find 3 x 5.

1. Count by 5 for each of the 3 groups.
2. Say: 5, 10, 15.
3. The third count is 15.

Answer: 3 x 5 = 15

PRACTICE 6 problems

1 Find 4 x 2.

ANSWER _____

2 Find 6 x 5.

ANSWER _____

3 Find 7 x 10.

ANSWER _____

4 Find 0 x 9.

ANSWER _____

5 Find 1 x 8.

ANSWER _____

6 Find 2 x 3.

ANSWER _____

APPLY IT Show your work

1 Five friends each get 2 stickers. How many stickers do they get in all?

WORK SPACE

ANSWER _____

2 You earn 10 coins for each of 4 game levels you finish. How many coins do you earn?

WORK SPACE

ANSWER _____

CHALLENGE One step up

At a fair, you earn 5 tickets for each of 4 games you win and 0 tickets for each of 3 games you lose. How many tickets do you earn? Explain using multiplication facts.

WORK SPACE AND ANSWER

ANSWER KEY

Count the Groups

GRADE 3 · 3.NOS.E.9.a

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Find 4 x 2.	**8**
2	Find 6 x 5.	**30**
3	Find 7 x 10.	**70**
4	Find 0 x 9.	**0**
5	Find 1 x 8.	**8**
6	Find 2 x 3.	**6**

PART 2 · APPLY IT

1. **10 stickers** Count by 2 five times: 2, 4, 6, 8, 10.
2. **40 coins** Count by 10 four times: 10, 20, 30, 40.

CHALLENGE

20 tickets. Four wins earn 4 x 5 = 20 tickets, and three losses earn 3 x 0 = 0 tickets.

Accept skip counting or multiplication facts as work. For the challenge, the explanation must show that the lost games add 0 tickets.