LESSON MAKER PRO

Fact Finder

Use multiplication facts to find totals and compare groups.

GRADE 3 · 3.N.2.2

3.N.2.2 "Demonstrate fluency with multiplication facts using factors up to 10."

NAME _____ DATE _____

EQUAL GROUPS

A multiplication fact tells the total in equal groups. Multiply the number of groups by the number in each group. If a fact is tricky, use a fact you know and add one more group.

WORKED EXAMPLE

Find 3 x 7.

1. Start with a fact you know: 2 x 7 = 14.
2. Add one more group of 7: 14 + 7 = 21.
3. So, 3 x 7 = 21.

Answer: 21

PRACTICE 6 problems

1 Find 2 x 8 = ___.

ANSWER _____

2 Find 9 x 5 = ___.

ANSWER _____

3 Find 6 x 6 = ___.

ANSWER _____

4 Find 10 x 4 = ___.

ANSWER _____

5 Find 8 x 8 = ___.

ANSWER _____

6 Fill in the blank: ___ x 2 = 18.

ANSWER _____

APPLY IT Show your work

1 Maya has 8 packs of stickers. Each pack has 4 stickers. How many stickers does Maya have?

WORK SPACE

ANSWER _____

2 At a school fair, 6 teams each win 9 tickets. How many tickets do the teams win altogether?

WORK SPACE

ANSWER _____

CHALLENGE One step up

One prize booth has 8 jars with 5 beads in each jar. Another booth has 5 jars with 8 beads in each jar. Which booth has more beads? Explain using multiplication facts.

WORK SPACE AND ANSWER

ANSWER KEY

Fact Finder

GRADE 3 · 3.N.2.2

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Find 2 x 8 = ___.	**16**
2	Find 9 x 5 = ___.	**45**
3	Find 6 x 6 = ___.	**36**
4	Find 10 x 4 = ___.	**40**
5	Find 8 x 8 = ___.	**64**
6	Fill in the blank: ___ x 2 = 18.	**9**

PART 2 · APPLY IT

1. **32 stickers** Multiply 8 x 4 = 32.
2. **54 tickets** Multiply 6 x 9 = 54.

CHALLENGE

Neither booth has more. The first has 8 x 5 = 40 beads, and the second has 5 x 8 = 40 beads.

For the challenge, accept any explanation showing that both booths have 40 beads.