Equal groups

3RD GRADE MULTIPLICATION · PRACTICE SHEET

4 × 6 means 4 groups with 6 in each group.

A. Count the groups. Fill in the blanks.

A1



_____ groups of _____ is _____

_____ × _____ = _____

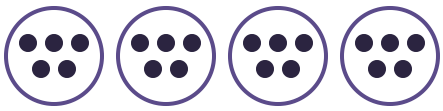
A2



_____ groups of _____ is _____

_____ × _____ = _____

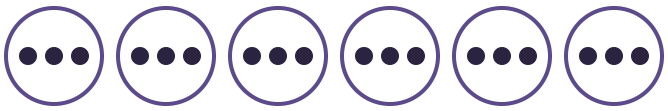
A3



_____ groups of _____ is _____

_____ × _____ = _____

A4



_____ groups of _____ is _____

_____ × _____ = _____

B. Story problems. Write a multiplication sentence, then solve it. One problem has a number you don't need.

B1 There are 4 plates. Each plate has 7 strawberries. How many strawberries are there in all?

_____ × _____ = _____

B2 A teacher puts 3 pencils in each cup. There are 7 cups. How many pencils are there?

_____ × _____ = _____

B3 A spider has 8 legs. How many legs do 5 spiders have?

_____ × _____ = _____

B4 The library has 6 tables, and each table has 4 chairs. Only 2 of the tables are by the window. How many chairs are there?

_____ × _____ = _____

C. Draw it. Draw the equal groups. Then write the total.

C1 2×9

Total: _____

C2 5×5

Total: _____

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Answer key: Equal groups

FOR THE GROWN-UP. EVERY ANSWER HERE WAS COMPUTED BY CODE.

The key writes the number of groups first (4 × 6 is 4 groups of 6), the way the Common Core standards describe it. If your child's class accepts either order, count both as right.

A. Count the groups.

A1	3 groups of 4 is 12. 3 × 4 = 12.
A2	5 groups of 2 is 10. 5 × 2 = 10.
A3	4 groups of 5 is 20. 4 × 5 = 20.
A4	6 groups of 3 is 18. 6 × 3 = 18.

B. Story problems.

B1	4 × 7 = 28 strawberries.
B2	7 × 3 = 21 pencils.
B3	5 × 8 = 40 legs.
B4	6 × 4 = 24 chairs. The number of tables by the window (2) is extra information, so it isn't used.

C. Draw it.

C1	2 circles with 9 dots in each. 2 × 9 = 18.
C2	5 circles with 5 dots in each. 5 × 5 = 25.