Division as sharing

3RD GRADE MULTIPLICATION · PRACTICE SHEET

12 ÷ 3 means 12 shared into 3 equal groups. Each group gets 4.

A. Share it out. Fill in the blanks.

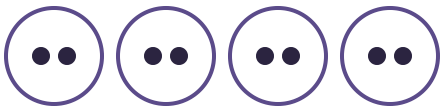
A1



_____ shared into _____ groups is _____ in each

_____ ÷ _____ = _____

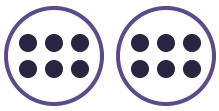
A2



_____ shared into _____ groups is _____ in each

_____ ÷ _____ = _____

A3



_____ shared into _____ groups is _____ in each

_____ ÷ _____ = _____

A4



_____ shared into _____ groups is _____ in each

_____ ÷ _____ = _____

B. Story problems. Write a division sentence, then solve it.

B1 Maya has 18 stickers to share equally among 3 friends. How many stickers does each friend get?

_____ ÷ _____ = _____

B2 Grandma bakes 24 muffins. She puts 6 muffins on each plate. How many plates does she need?

_____ ÷ _____ = _____

B3 There are 35 crayons to put into 5 boxes, with the same number in each box. How many crayons go in each box?

_____ ÷ _____ = _____

C. Fact families. Write all four facts for each set of numbers.

C1 **3, 7 and 21**

_____ × _____ = _____

_____ × _____ = _____

_____ ÷ _____ = _____

_____ ÷ _____ = _____

C2 **4, 9 and 36**

_____ × _____ = _____

_____ × _____ = _____

_____ ÷ _____ = _____

_____ ÷ _____ = _____

C3 **6, 8 and 48**

_____ × _____ = _____

_____ × _____ = _____

_____ ÷ _____ = _____

_____ ÷ _____ = _____

Answer key: Division as sharing

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

Problem B2 asks how many groups, not how many in each. In part C, the four facts can come in any order.

A. Share it out.

A1 15 shared into 3 groups is 5 in each. 15 ÷ 3 = 5.

A2 8 shared into 4 groups is 2 in each. 8 ÷ 4 = 2.

A3 12 shared into 2 groups is 6 in each. 12 ÷ 2 = 6.

A4 20 shared into 5 groups is 4 in each. 20 ÷ 5 = 4.

B. Story problems.

B1 18 ÷ 3 = 6 stickers each.

B2 24 ÷ 6 = 4 plates.

B3 35 ÷ 5 = 7 crayons in each box.

C. Fact families.

C1 3 × 7 = 21, 7 × 3 = 21, 21 ÷ 3 = 7, 21 ÷ 7 = 3.

C2 4 × 9 = 36, 9 × 4 = 36, 36 ÷ 4 = 9, 36 ÷ 9 = 4.

C3 6 × 8 = 48, 8 × 6 = 48, 48 ÷ 6 = 8, 48 ÷ 8 = 6.

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