

Grade 3 - Understanding Division - Worksheet

Common Core 3.OA.A.2, 3.OA.A.4, 3.OA.B.6 · maths-pdf.fr/en/

Name: _____ Class: _____ Date: ____/____/____

This **division meaning worksheet** for 3rd Grade covers understanding division (Common Core 3.OA.A.2, 3.OA.A.4, 3.OA.B.6), with a free PDF to print.

These 20 problems practice the meaning of division (Common Core 3.OA.A.2, 3.OA.A.4, and 3.OA.B.6). Students tell sharing from grouping, rewrite division as a missing factor, and find unknown numbers in multiplication and division equations. The last six problems are multi-step word problems with money and measurements.

Grade 3 · Common Core State Standards: **3.OA.A.2, 3.OA.A.4, 3.OA.B.6**

Division meaning worksheet: exercises 1 to 10

Exercise 1 - Sharing or grouping?

Tell whether each story shows sharing or grouping.

- a. Fifteen apples are put 3 in each bag.
- b. Fifteen apples are shared equally among 3 friends.

Exercise 2 - Counters in boxes

Write a division equation to find how many counters are in each box. There are 12 counters in all.



12 counters in 3 equal boxes.

Exercise 3 - Boxes of five

Fifteen dots are put in boxes of 5. Write a division equation for the number of boxes.



15 dots in boxes of 5.

Exercise 4 - Apple baskets

Write a division equation and solve. Twenty apples are packed equally into 4 baskets. How many apples are in each basket?

Exercise 5 - Write the partner

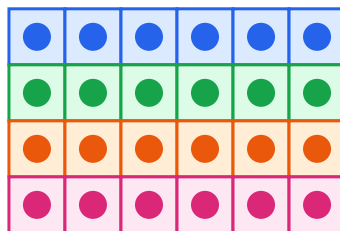
Write a multiplication equation with an unknown that matches $28 \div 7 = ?$. Then solve it.

Exercise 6 - Find the missing factor

Find the unknown number: $3 \times ? = 27$.

Exercise 7 - Columns in an array

An array has 24 squares in 4 equal rows. Write a division equation to find the number of squares in each row.



24 squares in 4 rows.

Exercise 8 - Use a multiplication fact

Use the fact $5 \times 9 = 45$ to find $45 \div 5$.

Exercise 9 - Missing total

Find the unknown number: $? \div 4 = 7$.

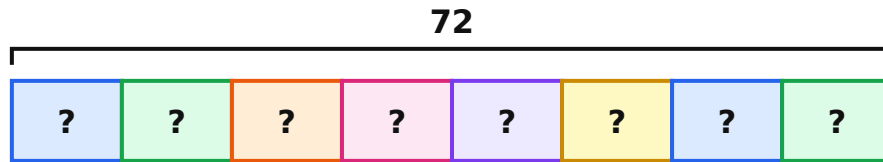
Exercise 10 - Missing divisor

Find the unknown number: $30 \div ? = 6$.

Exercises 11 and up

Exercise 11 - Tape diagram of ribbons

Find the unknown part. The tape diagram shows 72 split into 8 equal parts.



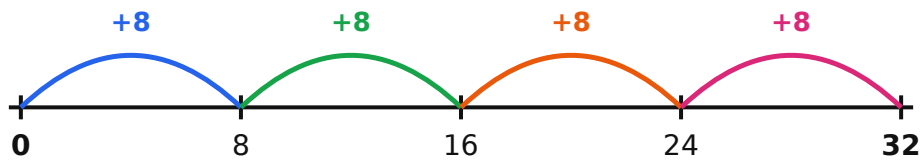
72 split into 8 equal parts.

Exercise 12 - Equation with the unknown first

Find the number that makes the equation true: $5 = ? \div 3$.

Exercise 13 - Jumps of eight

A skater makes equal jumps of 8 feet to reach 32 feet. Write a division equation for the number of jumps.



Jumps of 8 feet.

Exercise 14 - True or false?

Tell whether $63 \div 9 = 7$ is true. Check with multiplication.

Exercise 15 - Stickers on pages

Solve. Aisha has 45 stickers. She puts the same number of stickers on each of 5 pages. How many stickers are on each page?

Exercise 16 - Vans for a field trip

Solve. A school has 42 students going on a field trip. Each van holds 6 students. How many vans are needed?

Exercise 17 - Peach crates

Solve. A farmer packs 54 peaches equally into 6 crates. Then 2 peaches are taken out of each crate. How many peaches are in each crate now?

Exercise 18 - Bead bracelets

Solve. Mei has 36 beads. She uses the same number of beads on each of 4 bracelets. Each

bracelet needs 12 beads. How many more beads does she need for each bracelet?

Exercise 19 - Ribbon pieces

Solve. Noah has 72 inches of ribbon. He cuts it into pieces that are each 9 inches long. Then he uses 3 pieces for a craft. How many pieces are left?

Exercise 20 - Cookie boxes

Solve. A bake sale has 64 cookies. The cookies are packed 8 to a box, and each box sells for \$5. How much money is made if all the boxes are sold?

Key facts behind this division meaning worksheet

Key facts

- Division finds the size of each group or the number of groups.
- In $24 \div 4 = 6$, the 24 is the dividend, the 4 is the divisor, and the 6 is the quotient.
- Dividing 42 by 6 asks: 6 times what number makes 42?
- An unknown can be in any spot, as in $8 \times ? = 48$, $? \div 3 = 5$, or $24 \div ? = 8$.
- Check any division answer by multiplying the quotient by the divisor.

How to use this division meaning worksheet

Work through the exercises in order: they go from simple to challenging. Write every step on paper, then compare with the solutions page and redo any exercise you missed the next day.

Download the division meaning worksheet as a PDF with the button below and keep it with your notes.