

Topic 04 / Lesson 1 ▼

LESSON 4-1

Use Multiplication to Divide with 2, 3, 4, and 5

 [MA.3.NSO.2.4](#), [MA.3.AR.2.1](#), [MTR.1.1](#), [MTR.3.1](#), [MTR.5.1](#)

For more help with this lesson, view the [Visual Learning Animation](#) or the [Another Look Video](#).

MATH HELP AT HOME

Sample Additional Practice Exercise 1

Find the quotient.

$$14 \div 2 = \underline{7}$$

Use the related multiplication fact.

2 times what number equals 14?

$$2 \times 7 = 14$$

HOME ACTIVITY

Divide Away

MATERIALS

Lined Paper, Pencil, Red Pencil

Processing math: 4%

ACTIVITY

Create a table with 32 rows (lines) and 5 columns. Label the columns: Number, Divided by 2, Divided by 3, Divided by 4, Divided by 5. In the first column (Number), write one number on each line: 2, 3, 4, 5, 6, 8, 9, 10, 12, 14, 15, 16, 18, 20, 21, 22, 24, 25, 27, 28, 30, 32, 33, 35, 36, 40, 44, 45, 48, 50, 55, 60. Help your child complete the table, which will show how the numbers in the list divide evenly by 2, 3, 4, and 5. For example, the row for 20 will show that $20 \div 2 = 10$, $20 \div 4 = 5$, $20 \div 5 = 4$, and $20 \div 3$ is blank because 20 is not divisible by 3.

Ask your child to look at the column "Divided by 2" and decide which numbers divide evenly by 2. Write each answer in red in the correct space. ($2 \div 2 = 1$, $3 \div 2$ is blank, $4 \div 2 = 2$, $5 \div 2$ is blank, $6 \div 2 = 3$, $8 \div 2 = 4$, etc.)

Complete each column: Divided by 3, Divided by 4, Divided by 5. After the table is complete, discuss the following:

What pattern do you see in every "Divided by" column?
(red numbers 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12)

Which number is divisible by all of the numbers 2, 3, 4, 5?
(60)

Which numbers are divisible by only one of the numbers 2, 3, 4, 5?
(2, 3, 5, 9, 14, 21, 22, 25, 27, 33, 35, 55)

Which numbers are divisible by two of the numbers 2, 3, 4, 5?
(4, 6, 8, 10, 15, 16, 18, 28, 32, 44, 45, 50)

Which numbers are divisible by three of the numbers 2, 3, 4, 5?
(12, 20, 24, 30, 36, 40, 48)

Your child can use this table to practice dividing by 2, 3, 4, and 5. Just point to a red number in the table and have your child state the division problem with that answer.

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