

Fourth Grade Unit 4- Multi-digit Multiplication

In this unit students will:

- Multiply a whole number of up to four digits by a 1-digit number and a 2-digit number by a 2-digit number.
- Multiply a whole number by a multiple of 10, 100, or 1,000.
- Solve multistep number stories involving the four operations, interpreting any remainders.
- Read and write numbers in expanded form.
- Apply perimeter formulas for rectangles.
- Apply area formulas for rectangles.

Ideas for Home:

-Have your child practice multiplying examples such as:

$$4652 \times 5 = \quad 1000 \times 6 =$$

$$43 \times 23 = \quad 100 \times 6 =$$

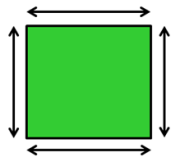
-Have your child write numbers in expanded form.

Standard Form	Expanded Form	Written Form
4,276	4,000 + 200 + 70 + 6	four thousand two hundred seventy-six

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What is Perimeter?

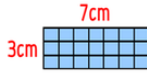
The perimeter is the distance all the way around the outside of a 2D shape.



Finding the Area (rectangle)

To work out the area of a rectangle, multiply its length (the longer side) by its width (the shorter side):

length × width = area



The area of this rectangle is
7cm × 3cm = 21 cm²

Websites:

1. http://em-ccss.everydaymathonline.com/g_login.html
2. www.i-ready.com
3. <http://www.sheppardsoftware.com/>
4. <http://www.mathplayground.com/>
5. www.khanacademy.com

