Grade 5: Chapter 2 Vocabulary

compatible numbers

Numbers that are easy to compute mentally.
Example:

Estimate 4,126 ÷ 8.

Think: 40 and 8 are compatible numbers.

4,126 ÷ 8

4,000 ÷ 8 = 500

So, 4,126 ÷ 8 is about 50

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dividend

The number that is to be divided in a division problem
Example:
35 ÷ 5 = 7
The dividend is 35.

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divisor

The number that divides the dividend.
Example:

18 ÷ 3 = 6 $3\overline{)18}^{\,6}$

The divisor is 3.

factor

A number multiplied by another number to find a product.
Example:

$$4 \times 7 = 28 \qquad \begin{array}{r} 4 \\ \times\, 7 \\ \hline 28 \end{array}$$

The factors are 4 and 7.

partial product

A method of multiplying in which the ones, tens, hundreds, and so on are multiplied separately and then the products are added together.

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product

The answer to a multiplication problem
Example:

$$6 \times 2 = 12 \qquad \begin{array}{r} 6 \\ \times\, 2 \\ \hline 12 \end{array}$$

The product is 12

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quotient

The number, not including the remainder, that results from dividing
Example:

$$35 \div 5 = 7 \qquad 5\overline{)35}^{\,7}$$

The quotient is 7.

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<u>remainder</u>

The amount left over when a number cannot be divided equally.

Example:

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     3 r4  ← remainder
 5)19
    15
    ――
     4
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