

Chapter 1 sec 3 Division

Vocabulary:

addition

Addends + addends = sum

$$5 + 6 = 11$$

Subtraction

minuend – subtrahend = difference

$$15 - 10 = 5$$

multiplication

factor x factor = product

$$5 \times 6 = 30$$

Division

Dividend ÷ divisor = Quotient

$$15 \div 5 = 3$$

Multiply by 10

move decimal place to the left the number of zeros. So $12 \times 10 = 120$

Division

$$3180 \div 15$$

Ways to write division:

Fraction: $\frac{3180}{15}$

Division sign: $3180 \div 15$

Words: 3180 divided by 15

Problem: $15 \overline{)3180}$

$$\begin{array}{r}
 212 \\
 \underline{30} \\
 18 \\
 \underline{15} \\
 30 \\
 \underline{30} \\
 0
 \end{array}$$

Area model

	15
200	3000
10	150
2	30
212	

$$\begin{array}{r}
 15 \overline{)3180} \\
 \underline{3000} \quad 15 \times 200 \\
 180 \\
 \underline{150} \quad 15 \times 10 \\
 30 \\
 \underline{30} \quad 15 \times 2 \\
 0
 \end{array}$$

$$2079 \div 27$$

$$2816 \div 44$$