

Mathematical Symbols and Notation

Math Words

- factor
- product
- dividend
- divisor
- quotient
- equal to (=)
- greater than (>)
- less than (<)

Multiplication

$$28 \times 18 = 504$$

Diagram showing the multiplication equation with lines connecting 28 and 18 to the word "factors" and 504 to the word "product".

$$\begin{array}{r} 18 \\ \times 28 \\ \hline 504 \end{array}$$

Diagram showing the multiplication equation with lines connecting 18 and 28 to the word "factors" and 504 to the word "product".

Division

$$120 \div 15 = 8$$

Diagram showing the division equation with lines connecting 120 to the word "dividend", 15 to the word "divisor", and 8 to the word "quotient".

$$\begin{array}{r} 8 \\ 15 \overline{) 120} \end{array}$$

Diagram showing the division equation with lines connecting 15 to the word "divisor", 8 to the word "quotient", and 120 to the word "dividend".

Comparing values

equal to $2 \times 40 = 2 \times 5 \times 8$ $80 = 80$

greater than $10 \times 10 > 11 \times 9$ $100 > 99$

less than $4 \times 30 < 3 \times 50$ $120 < 150$



What are the factors in $14 \times 20 = 280$?
What is the quotient in $144 \div 16 = 9$?