

Division

{ Does McDonald's Serve Burgers?

Division: Splitting, Sharing, Equally

Sharing

“Sharing equally between how many each?”

For example: If you share a bag of 12 marbles between yourself and two friends, dividing will tell you how many marbles each person can have.



Grouping

How many sets/ sets of? How many groups / groups of?

For example, if you have 30 pieces of bubble gum and want to give 3 to each of your friends, Dividing will tell you how many friends you can give bubble gum to



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Division

Multiplication

Subtraction

Bring Down

Diagram illustrating the long division process for $692 \div 4$:

- Divisor:** 4 (indicated by a red arrow pointing to the 4 in the divisor position).
- Dividend:** 692 (indicated by a blue arrow pointing to the 692 in the dividend position).
- Quotient:** 173 (indicated by a green arrow pointing to the 173 above the dividend).
- Remainder:** 0 (indicated by a red arrow pointing to the 0 at the bottom of the division).

The steps shown in the diagram are:

$$\begin{array}{r} 173 \\ 4 \overline{) 692} \\ \underline{-4} \\ 29 \\ \underline{-28} \\ 12 \\ \underline{-12} \\ 0 \end{array}$$

$$372 \div 4$$

$$145 \div 5$$

$$243 \div 9$$