

Front End Division Strategy

Mental Math Strategy

When to use this strategy: Use this strategy when dividing and the divisor is going in evenly.

How to use this strategy: To use this strategy work from left to right – *just as you read the numbers*. Sometimes you divide into a *pair* of numbers (such as $14 \div 7 = 2$, in the second example).

Examples: $88 \div 8 = 11$ $714 \div 7 = 102$ $996633 \div 3 = 332211$

Use this (new) strategy on the following:	
1.) Evaluate $8404 \div 4$	2.) Charlie has \$1520. If he buys five equal presents, how much did one present cost?
3.) Solve for x , $318 = 3x$	4.) Divide 963 canned goods among three food pantries.

Use any strategy you know on the following:	
5.) Solve: $\frac{x}{4} = 12.1$	6.) If a recipe calls for 17 strawberries and Rafael has 38, how many will he have left over if he makes the pie?
7.) A hotel has nine floors. If there are 945 guests, how many guests should fit on each floor evenly?	8.) At the last three fill-up, Eric put 10.2, 11.4, and 10.1 gallons in the tank. How much gas was purchased all together?