

## To Divide by 5 Double it and Divide by 10

### Mental Math Strategy

**When to use this strategy:** Use this strategy when you need to divide by 5.

**How to use this strategy:** To use this strategy double the number and then divide by 10 (by removing one zero or moving the decimal point one place to the *left*). This works because  $\frac{1}{5} = \frac{2}{10}$

*Examples:*  $8 \div 5 = 16 \div 10 = 1.6$        $\frac{310}{5} = 620 \div 10 = 62$        $82.1 \div 5 = 164.2 \div 10 = 16.42$

Use this (new) strategy on the following:	
1.) Evaluate: $\frac{210}{5}$	2.) If 34 ounces are divided into 5 containers, how many ounces are in each container?
3.) Solve $5x = 23.4$	4.) If 515 dollars are split among 5 people, how much does each person get?

Use any strategy you know on the following:	
5.) The point (____, 450) is on the line $y = 30 + x$ . Fill in the blank.	6.) Apples are \$5.57 for 10 apples. If Marshall buys 100 apples for his party, how much money will he spend?
7.) Evaluate $2m^2$ if $m = 3$	8.) Express as a decimal: $\frac{9}{5}$