

Drop the Zeros, Add, Subtract, or Multiply, Then Put Them Back On

Mental Math Strategy

When to use this strategy: Use this strategy when the numbers end in zeros.

How to use this strategy: To use this strategy drop the zeros, add, subtract, or multiply, then put them back on.

Examples: $340 + 210 = 34 + 21 = 55$ (add 0) = 550 $270 - 110 = 27 - 11 = 16$ (add 0) = 160

$50 \times 300 = 5 \times 3$ (add 000) = 15000

Use this (new) strategy on the following:	
1.) Solve $\frac{w}{300} = 4000$	2.) Last year the band trip cost \$12,600. This year it cost \$12,900. How much more expensive was it this year?
3.) You have \$500. You spend \$180 on a new game system. How much money do you have left?	4.) Last year a TV advertisement cost \$134,000. This year the cost is going up \$12,000. What is the cost of an ad this year?

Use any strategy you know on the following:	
5.) Evaluate pq , if $p = 7.2$ and $q = 4$	6.) Evaluate rst where $r = 15$, $s = 7$, and $t = 2$
7.) Solve $\frac{92}{k} = \frac{46}{30}$	8.) Solve $50 = \frac{c}{600}$