

Double any number up to 20

Mental Math Strategy

When to use this strategy: Use this strategy when you need to double a number up to 20 (or add a number to itself).

How to use this strategy: If the number is 14 or less then just use front end (double left to right). If the number is between 15 and 19 then you know the answer will be an even number between 30 and 39. Double the ones place to see what the ones digit of the answer is.

Examples: $2 \times 13 = 26$

$2 \times 17 = 34$

$18 + 18 = 36$

Use this (new) strategy on the following:	
1.) How much is two dozen?	2.) Two friends both buy new games for \$19.00. How much money was spent in all?
3.) Evaluate 13×2	4.) Evaluate $2k^2$ if $k = 4$

Use any strategy you know on the following:	
5.) If a car trip takes 30 hours among three drivers. How much should each driver drive?	6.) Solve $\frac{t}{2} = 18$
7.) One thousand trains took a total of 17,029 minutes to reach their destinations. What is the average time spent per route?	8.) If $y = x + 123$, and $y = 887$, find x .