


Double any number up to 50

Fact to Know Strategy

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

How to use this strategy: (a) If the one's (units) digit is less than 5, use front end (go left to right). (b) If the one's digit is 5, double the ten's place and add one to it and put on 0. (c) If the one's digit is greater than 5, double the ten's digit and add 1 (because of the regrouping) and then figure out what the one's place needs to be by doubling the ones digit.

Examples: $43 \times 2 = 86$ $35 \times 2 = 70$ $29 + 29 = 58$

Use this (new) strategy on the following:	
1.) Solve $32 = \frac{t}{2}$	2.) Find the perimeter of the rectangle:  13in. 17in.
3.) If $y = 2x$ and $x = 19$, find y	4.) The girl scout troop holds a local fundraiser for their new uniforms. The local Wal-Mart says that they will match the amount the troop raises. If the troop raised \$460, then how much will they have including Wal-Mart's contribution?

Use any strategy you know on the following:	
5.) Simplify: $87\sqrt{p} - 19\sqrt{p} - 7\sqrt{p}$	6.) If Steve has 38 friends on Facebook after the 1 st week and in the 2 nd week there is a 100% increase in how many friends he has, how many friends will he have by the end of the 2 nd week?
7.) Solve $\frac{13}{u} = \frac{26}{30}$	8.) You purchase four items costing \$2.49, \$13.99, \$6.05, and \$2.48. Estimate the total.