Adding with 5's in the Units Place

Mental Math Strategy

***When** to use this strategy:* Use this strategy when both numbers you are adding end in a 5.
***How** to use this strategy:* The answer will end in a 0. Add an extra 1 to the ten's place. (Use front end.)

Examples: 15 + 25 = 40 145 + 35 = 180

Use this (new) strategy on the following:	
1.) Solve $x - 35 = 55$	2.) If $f(x) = 15 + x$, find $f(65)$.
3.) Simplify $y^{25} \cdot y^{45}$	4.) m = number of cell phone minutes used, C = monthly cell phone bill, in dollars, $C = .035m + 15$ Find the cell phone bill if 1000 minutes are used.

Use any strategy you know on the following:	
5.) Multiply $\frac{9}{11} \cdot \frac{19}{11}$	6.) Evaluate $500 - c$ if $c = 29$.
7.) Solve $125 = x - 35$	8.) Last year's membership was 540. This year it increased by 10%. How many more members are there this year compared to last year?

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