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, your answer ends in 0. Double the ten's place and add one. (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: 2 × 43 = 86. 2 × 35 = 70. 28 × 2 = 56.

Use this (new) strategy on the following:	
1.) Solve $\frac{x}{2} = 18$	2.) Find the circumference if the radius is 32 cm. ($C = 2\pi r$. Leave the answer in terms of π.)
3.) Solve $35 = \frac{m}{2}$	4.) Solve the proportion. $\frac{17}{25} = \frac{x}{50}$ (*Tip:* Use doubling.)

Use any strategy you know on the following:	
5.) Plug into the area formula: $A = \frac{1}{2}bh$ if $b = 17.4$ and $h = 20$.	6.) Kylee started the shopping spree with $88. At the end of the day she had $19. How much did she spend?
7.) If $f(x) = 2x$, find $f(19)$.	8.) Simplify $m^{27} \cdot m^{19}$