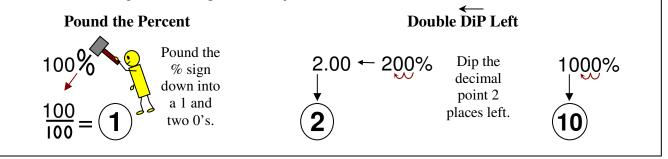
Language of Percents

Sometimes the words and concepts of percents don't match our perceptions.

"Large" Percents

- "100%" may sound like a lot, but the Pound the Percent technique shows it's really just 1.
- "200%" sounds large, but the Double DiP technique proves it's only 2.
- "1000%" sounds huge, but it's equivalent to just 10.



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Percent Of Amount = Percent Times Amount

- "50% of" an amount reasonably sounds like "half," which is indeed the case.
- "100% of" sounds like it would be more than, but it's actually just equal to the original amount.
- "200% of" an amount means *twice* the original amount.

Original Amount Original	50% Of (½ times) 50% "Pick" off a Percent Of		200% Of (2 times) 100% 100% nt Of problems: left × Amount	BrainAid Double DiP left for the best <i>of</i> "times." 300% = 3 times 400% = 4 times
50% of 100		100% of 100	200% of 100	1000% of 100
$.5 \times 100$		1×100	2×100	10×100
50		100	200	1000
		Your	Turn!	
20% of 50 30		0% of 50	600% of 50	2000% of 50
Answers: 10, 150, 300, 1000				

Percent Increase = Amount + Percent Of Amount

Because you're adding to the original, a 50% increase is $1\frac{1}{2}$ times the original amount.

- 50% increase = [Amount + 50% of Amount] = [1 + .5] = 1.5.
- A "100% increase" is 2 times the original amount.
- 100% increase = [Amount + 100% of Amount] = [1 + 1] = 2.
- A "200% increase" is **3** times the original amount.
- 200% increase = [Amount + 200% of Amount] = [1 + 2] = 3.

