Mission Simulation – Let's Make a Deal

Deep Thought has been thinking about what makes a good deal. First you need to see how much money you are saving. Deep Thought thinks you need to also look at the money you are spending. **For example:** Save-A-Bunch offers a deal with which you save $1 off a purchase of $100 dollars. Cheap Store offers a deal with which you save $1 off a purchase of $10.

Step One: Compare the discount to the overall amount that you are spending to find out the percentage of the discount. Next, compare the percentage of discount to figure out the better deal.

<div>

Save-A-Bunch

$$\frac{Dicount\_Amount}{Total\_Spent} = \frac{\$1}{\$100} = \underline{\quad} \%$$

Cheap Store

$$\frac{Dicount\_Amount}{Total\_Spent} = \frac{\$1}{\$10} = \underline{\quad} \%$$

</div>

Step Two: Explain which store, Save-A-Bunch or Cheap Store, offers a larger percentage discount.

_____

_____

_____

Step Three: Compare the three coupons below. Figure out which coupon offers the largest percentage discount.

| **Coupon 1** Spend $50 and get $12 off | **Coupon 2** Spend $75 and get $15 off | **Coupon 3** Spend $800 and get $64 off |

Show all work here:

Step Four: Write which coupon offers the largest percentage discount and explain how you arrived at your answer above using words, numbers, symbols and or pictures.

_____
_____
_____
_____
_____