

Percent Applications Performance Task

You are going to reason as a group to determine the answer to one percent question. This counts as a 50 point classwork assignment, so I expect your BEST work.

A complete response includes the following:

1. An answer to the question.
2. Mathematical examples (at least 1 per person) that support your answer – YOU each make up your own, but help one another as needed.
3. A written explanation, using complete sentences, that references your examples and elaborates on your reasoning to justify your answer.

Check one another's work! It is a group assignment, and thus a GROUP grade.

NO RESUBMITS WILL BE ACCEPTED FOR THIS ASSIGNMENT – FOLLOW DIRECTIONS AND CREATE A QUALITY PRODUCT.

1) Would you rather have two 20% discounts or a 40% discount?

2) If you decrease by a given percent and then increase by the same percent, will you be back where you started? How do you know?

3) Would you rather buy a product that was marked up 40% and then discounted by 50% or a product that was marked up 50% and then discounted by 40%?

4) When an item is both discounted and taxed, does order matter?