**Real-World Percent:**

**6.RP.3c solve problems involving find the whole, given a part, and the percent**

**7.RP.3 use proportional relationships to solve ratio and percent problems**

**Activity: Online Shopping Trip**

Prior to class, the teacher should create a work-along with 5 stores with online sites, give a percent discount to find, and an example sales tax percentage.  Students visit the online websites and find an item they would like to purchase.  They must use the original price of the item, find the price of the item with the discount given, then add the sales tax.  Students will find the final price of the item after discount and sales tax are applied.

The Discount is Right!

Directions: Choose an item to buy from each of the stores listed and a store of your choice (choose whatever you want!). Complete each column of the table with the required information. You will need to compute the discount off **before** you add in the sales tax. Don’t forget the totals at the bottom of the page! Have fun shopping! ☺

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Item to buy | Original price | Discount off | Added sales tax | Final sale price |
| Gap |  |  | 30% off | 6.25% |  |
| Dillards |  |  | 75% off | 7.20% |  |
| Wal-Mart |  |  | 15% off | 5.45% |  |
| Sears |  |  | 25% off | 6.000% |  |
| Store of your choice |  |  | 40% off | 5.50% |  |