

Name _____
Real World Math

Date _____
Period _____

Unit 3 Quiz #2 REVIEW
Discounts, Markups, Sales Tax
Catalog & Online Ordering

Directions: Show all of your work. If necessary, round your answers to the nearest cent or hundredths place.

1. What would a 40% discount on an item costing \$135 amount to?

2. Best Buy bought DVD players for \$45 a piece. They are going to mark up the price 120% to sell them. What will be the retail price with the markup?

3. Foot Locker is selling sneakers for \$79.99 but no one is buying them. They decide to put them on sale for 30% off the original price. What will be the sale price?

4. Champs uses a markup rate of 85%. If a jacket costs the store \$37.69 and they sell it at 25% off, what is the final price of the jacket after the discount?

5. Nick bought a pair of jeans for \$29.99 at JC Penney's.

→ What would 8% sales tax on the jeans amount to?

→ What would be the total cost of the jeans with tax?

→ What would be the total cost of the jeans if Nick drove to a JC Penney's in New Jersey where there is a 6% sales tax?

→ Should Nick drive an hour to JC Penney's in New Jersey? Why or why not?

6. You found a new IPOD for \$160 that is on sale for 10% off. If there is 7% sales tax, what is the total cost of the IPOD?

7. Home Goods offers a discount of 25% on a lamp that costs \$65. However, you must also pay a sales tax of 7% on any purchase. Compute your discount, the sale price, the sales tax, and your final cost for the lamp.

<u>Catalog:</u>	
Screwdriver Set	\$18.45
Socket Wrench Set	\$14.99
Reversible Drill	\$43.98
Drill Bit Set	\$12.98
Pad Sander	\$65.49
Belt Sander	\$178.88
Builder's Saw	\$111.99
Table Saw	\$325.99

<u>Shipping & Handling</u>			
<u>Range</u>	<u>Zone 1</u>	<u>Zone 2</u>	<u>Zone 3</u>
\$0-\$24.99	\$1.59	\$2.10	\$3.06
\$25-\$49.99	\$2.40	\$3.50	\$4.66
\$50-\$99.99	\$4.00	\$5.15	\$6.04
\$100-\$499.99	\$5.75	\$6.70	\$7.50
\$500 and up	\$7.45	\$8.50	\$9.00

For questions 8 and 9, use the above catalog and shipping & handling tables.

8. You order a Pad Sander and a Reversible Drill from the catalog. You live in Zone 2 and pay 5% sales tax. How much should you pay total?

9. You order a Screwdriver Set and a Socket Wrench Set from the catalog. You live in Zone 3 and pay 7% sales tax. How much should you pay total?

10. You can buy a starter for \$36 at RIPS Auto Parts, or you can buy one online for \$23 plus 25 cents per pound for shipping. If the starter weighs 25 pounds, how much will you save by ordering the starter online?