

Name: Answer Key

Date: _____

Period: _____

Markup and Markdown Practice

1. A grocery store buys items and then applies a markup of 70%. Find the retail price of the following items.

Original Cost	Markup	Retail Price
\$10	$0.70(10) = \$7$	$\$10 + \$7 = \$17$
\$13.50	$0.70(13.50) = \$9.45$	$\$13.50 + \$9.45 = \$22.95$
\$1.40	$0.70(1.40) = \$0.98$	$\$1.40 + \$0.98 = \$2.38$

2. A clothing store uses a markup of 40% on all items they purchase to sell. Find the retail price of the following items.

Original Cost	Markup	Retail Price
\$10.20	$0.40(\$10.20) = \4.08	$\$10.20 + \$4.08 = \$14.28$
\$200	$0.40(\$200) = \80	$\$200 + \$80 = \$280$
\$8	$0.40(\$8) = \3.20	$\$8 + \$3.20 = \$11.20$

3. Bob's Bikes applies a markup of 65% to all the items they sell. Find the retail price for the following items.

Original Cost	Markup	Retail Price
\$450	$0.65(\$450) = \292.50	$\$450 + \$292.50 = \$742.50$
\$25	$0.65(\$25) = \16.25	$\$25 + \$16.25 = \$41.25$
\$260	$0.65(\$260) = \169	$\$260 + \$169 = \$429$

4. An online retailer applies a markup of 35% to all the products. Find the retail price of each item.

Original Cost	Markup	Retail Price
\$5.75	$0.35(\$5.75) = \2.01	$\$5.75 + \$2.01 = \$7.76$
\$14	$0.35(\$14) = \4.90	$\$14 + \$4.90 = \$18.90$
\$94.20	$0.35(\$94.20) = \32.97	$\$94.20 + \$32.97 = \$127.17$

5. A computer company offers a special discount to college students of 15% off. Find the discounted price of each item.

Original Cost	Markdown	Discount Price
\$250	$0.15(\$250) = \37.50	$\$250 - \$37.50 = \$212.50$
\$540	$0.15(\$540) = \81	$\$540 - \$81 = \$459$
\$1265	$0.15(\$1265) = \189.75	$\$1265 - \$189.75 = \$1075.25$

6. As part of a holiday sale, a department store is offering 60% off all items in the store. Find the sale price of each item.

Original Cost	Markdown	Sale Price
\$42.50	$0.60(\$42.50) = \25.50	$\$42.50 - \$25.50 = \$17$
\$29.99	$0.60(\$29.99) = \17.99	$\$29.99 - \$17.99 = \$12$
\$105.80	$0.60(\$105.80) = \63.48	$\$105.80 - \$63.48 = \$42.32$

7. A clothing store at the mall has a sale of 30% off all items. Find the sale prices for each item.

Original Cost	Markdown	Sale Price
\$50	$0.30(\$50) = \15	$\$50 - \$15 = \$35$
\$34	$0.30(\$34) = \10.20	$\$34 - \$10.20 = \$23.80$
\$12.50	$0.30(\$12.50) = \3.75	$\$12.50 - \$3.75 = \$8.75$

8. A grocery store is offering 10% off to rewards members. Find the sale prices for each item.

Original Cost	Markdown	Sale Price
\$4.20	$0.10(\$4.20) = \0.42	$\$4.20 - \$0.42 = \$3.78$
\$9	$0.10(\$9) = \0.90	$\$9 - \$0.90 = \$8.10$
\$1.56	$0.10(\$1.56) = \0.16	$\$1.56 - \$0.16 = \$1.40$