

MasterMath

Name _____
Date _____

Discounts, Markups, Simple Interest

1. Find the Sale Price, rounded up to the nearest penny

Price	Discount	Sale Price
\$19.95	10%	\$17.96
\$149.95	15%	\$127.46
\$75.00	25%	\$56.25

Price	Discount	Sale Price
\$1,655.00	18%	\$1,357.10
\$7,200.00	12%	\$6,336.00
\$89.95	10%	\$80.96

2. Find the Marked-up Price, rounded up to the nearest penny

Cost	Markup	Price
\$75.00	25%	\$93.75
\$165.00	8%	\$178.20
\$2,250.00	3%	\$2,317.50

Cost	Markup	Retail Price
\$8,000.00	5%	\$8,400.00
\$4.72	75%	\$8.26
\$17.50	125%	\$39.38

3. Find the Principal Balance, after Interest earned, rounded up to the nearest penny

Principal	Interest	Period	Principal
\$100.00	5%	1 year	\$105.00
\$250.00	4%	18 months	\$265.00
\$2,250.00	3%	3 years	\$2,452.50
\$175.00	6.5%	12 months	\$186.38
\$1,200.00	4.5%	48 months	\$1,416.00

4. You paid \$165 for a model plane that was normally \$200. What was your Discount Rate?

17.5%



5. You deposited \$175 in a savings account 6 months ago. The bank now tells you that your account is worth \$180.25. What annual interest rate have you earned?

6%

6. Before school started in the fall, Joe's Books was selling *Math Madness* textbooks for \$49.95, with a 30% discount. After school started, they put the books on sale for 70% off the sales price. Are the books now free? If not, how much would a copy of Math Madness cost you after both discounts?

\$10.49