

7.8 Discounts, Markups, Tax, and Tip

Chapter 7: Percent

Name: _____

Date: _____

Class/Period: _____

Problem 7.149 Find the discount on a \$45 item at 10% off.

Problem 7.152 Find 8% tax on \$125.

Problem 7.150 Find the sale price of an \$80 item at 70% off.

Problem 7.153 Find the total after 6.5% tax on \$40.

Problem 7.151 Find the sale price of a \$52 item at 25% off.

Problem 7.154 Find a 20% tip on \$68.50.

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Problem 7.155 Find the total after an 18% tip on \$32.

Problem 7.158 Find 7% commission on \$18,000.

Problem 7.156 Find the selling price after a 35% markup on \$60.

Problem 7.159 A \$90 item is 15% off. Find both savings and sale price.

Problem 7.157 Find a 2.5% service fee on \$240.

Problem 7.160 A \$75 bill has 9% tax. Find tax and total.

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Problem 7.161 Three \$40 pairs of pants are 20% off. Find the total paid.

Problem 7.164 What multiplier gives a 17.5% fee?

Problem 7.162 A \$120 item is marked up 25%. Find the markup and price.

Problem 7.165 Explain why 25% off can be found by multiplying by $\frac{3}{4}$.

Problem 7.163 What multiplier gives a 32% discount?

Problem 7.166 Estimate a 19% tip on \$83.70.

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Problem 7.167 A game price increases by 20%. How much greater is the price increase on a \$52 game than on a \$37 game?

Problem 7.169 A server receives 18% of pre-tax sales as tips. If the restaurant collected \$2,460 in pre-tax sales, find the tips.

Problem 7.168 A store gives 30% off, then adds 8% tax to the sale price. Find the final cost of a \$150 item.

Problem 7.170 A merchant marks an item up 50% from wholesale and then offers 20% off the marked price. Compare the final price with wholesale.