

Solve discount, markup, tax, tip and commission problems

NAME	DATE	SCORE / 10
------	------	------------

- 1** A store buys a jacket for \$17 and marks the price up by 50%. How many dollars is the markup?

- 2** A backpack costs \$30. The sales tax is 8%. Noah says the total cost is \$38, because $\$30 + \$8 = \$38$. What is the total cost with tax, in dollars?

- 3** A jacket costs \$60. Maya worked out its cost with 50% off, then 5% tax added, in the steps below. Which step is the first one that is wrong?

Step 1: 50% of \$60 is \$30.

Step 2: The sale price is $\$60 - \$30 = \$30$.

Step 3: 5% of \$30 is \$3.

Step 4: The cost is $\$30 + \$3 = \$33$.

☐ Step 1 ☐ Step 2 ☐ Step 3 ☐ Step 4

- 4** A store buys a backpack for \$51 and marks the price up by 25%. How many dollars is the markup?

- 5** The bill for a meal is \$29. Ivy's family leaves an 18% tip. Ana says the total paid is \$47, because $\$29 + \$18 = \$47$. What is the total paid, with the tip, in dollars?

- 6** A jacket costs \$60. Leo worked out its cost with 50% off, then 5% tax added, in the steps below. Which step is the first one that is wrong?

Step 1: 50% of \$60 is \$50.

Step 2: The sale price is $\$60 - \$50 = \$10$.

Step 3: 5% of \$10 is \$0.50.

Step 4: The cost is $\$10 + \$0.50 = \$10.50$.

☐ Step 1 ☐ Step 2 ☐ Step 3 ☐ Step 4

- 7** A jacket costs \$45. The sales tax is 8%. How much is the sales tax, in dollars?

- 8** The bill for a meal is \$41. Ben's family leaves an 18% tip. Ana says the total paid is \$59, because $\$41 + \$18 = \$59$. What is the total paid, with the tip, in dollars?

- 9** A lamp costs \$18. The lamp is on sale for 10% off. How much money is taken off the price, in dollars?

- 10** A salesperson sells a car for \$6,800 and earns a 2% commission. How much is the commission, in dollars?

Solve discount, markup, tax, tip and commission problems

1 8.50

3 Step 3

5 34.22

7 3.60

9 1.80

2 32.40

4 12.75

6 Step 1

8 48.38

10 136