

# Discounts

*Percents, multiplication, addition, subtraction*

Often stores have sales and they give discounts off merchandise. Some stores even have store-wide discounts, like 15% off everything. Everyone likes a good sale!






**Example:** The local clothing store needs to make room for their summer stock so they put all their spring stock on sale for 25% off.

**Problem:** What is the discount on a pair of pants that cost \$89?



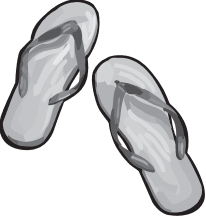



**Solution:** Convert 25% to a decimal = .25  
 $\$89.00 \times .25 = \$22.25$

*The discount is \$22.25 and the sale price is  $\$89.00 - \$22.25 = \$66.75$ .*

**Part 1:** Calculate the sale discount and sale price of the items pictured.

Purchase	Price	% Discount	Discount	Sale Price
1. 	\$88	42%	\$ _____	\$ _____
2. 	\$65	15%	\$ _____	\$ _____
3. 	\$7	41%	\$ _____	\$ _____
4. 	\$66	18%	\$ _____	\$ _____
5. 	\$22	50%	\$ _____	\$ _____

Consumer Math

6.		\$12	38%	\$ _____	\$ _____
7.		\$67	25%	\$ _____	\$ _____
8.		\$7.50	25%	\$ _____	\$ _____
9.		\$32	20%	\$ _____	\$ _____
10.		\$160	25%	\$ _____	\$ _____
11.		\$179	75%	\$ _____	\$ _____

**Part 2:** Solve the word problems below:

12. A store is having a store-wide sale. For one day only everything is 25% off.

Calculate the cost of the following with the 25% discount:

- a. A sweater regularly priced at \$55 will cost \_\_\_\_\_
- b. Pants that are regularly priced at \$99 will cost \_\_\_\_\_
- c. Shoes that are regularly priced at \$129 will cost \_\_\_\_\_
- d. A skirt that is regularly priced at \$46 will cost \_\_\_\_\_

13. Another store is having a store-wide sale. On Monday everything in the store is 10% off, on Tuesday 20% off, on Wednesday 30% off, on Thursday 40% off and Friday 50% off.
- Josh goes on Monday and buys a pair of pants that were regularly \$67. What does he pay with his 10% discount? \_\_\_\_\_
  - How much would Josh have saved if he bought the same pair of pants on Friday? \_\_\_\_\_
  - Kerri bought a blouse for \$32, a skirt for \$36 and a sweater for \$45. What is her discount if she went on Wednesday? \_\_\_\_\_
  - How much did Kerri pay for her clothing? \_\_\_\_\_
  - How much would Kerri have saved if she went on Friday instead of Wednesday? \_\_\_\_\_
14. Sarah loves to shop and she loves bargains. She found a pair of jeans that originally cost \$129 and she only paid \$77.40. What discount did she get? \_\_\_\_\_
15. She also paid only \$28 for a pair of shoes that originally cost \$70. What discount did she get? \_\_\_\_\_