

## Finding Amount Saved on Sale Prices

**EXAMPLE**

JJ works hard and plays hard. He wants to be able to afford fun things so he looks for bargains. He has found a skateboard that regularly sells for \$125.00. It is on sale for 30% off. He decides to buy it. How much will he save? What will he pay?

**Step 1** Multiply to find the amount saved.

$$\begin{aligned} \$125 \times 30\% &= \\ \$125 \times .30 &= \$37.50 \end{aligned}$$

**Step 2** Subtract to find the Sale Price

$$\begin{array}{r} \$125.00 \text{ Regular price} \\ - 37.50 \text{ Amount Saved} \\ \hline \$87.50 \text{ Sale Price} \end{array}$$

JJ saved \$37.50 on the sale price. He will pay \$87.50.

**Directions** Find the amount saved on the sale price.

	Item	Regular Price	Discount	Amount Saved	Sale Price
1.	Airline ticket	\$399.00	12%		
2.	Music CD	\$14.99	10%		
3.	Inline skates	\$240.00	20%		
4.	Boom box	\$79.50	15%		
5.	Best-selling book	\$29.95	20%		
6.	Mountain bike	\$749.50	5%		
7.	Hockey stick	\$10.00	10%		
8.	Camcorder	\$699.95	30%		
9.	Hair dryer	\$35.00	10%		
10.	DVD player	\$149.49	15%		
11.	Video game	\$39.95	10%		
12.	Concert tickets	\$42.00	5%		
13.	Cell phone	\$159.00	20%		
14.	Movie ticket	\$7.50	50%		
15.	Telephone card	\$25.00	20%		
16.	Handheld pc	\$249.00	15%		
17.	Digital camera	\$399.00	10%		
18.	Karaoke machine	\$99.99	30%		
19.	53" HDTV monitor	\$3,010.00	17%		
20.	DVD home theater system	\$600.00	17%		



## Renaming Decimals as Percents

*Method:* Move the decimal point two places to the right and write a percent symbol.

**EXAMPLE** Rename 0.45 as a percent.

$$0.45 = 45\%$$

**EXAMPLE** Rename 1.2 as a percent.

$$1.2 = 120\%$$



Write a zero to make two places.

**EXAMPLE** Rename 3 as a percent.

$$3 = 300\%$$

**Directions** Rename these decimals as percents.

- |            |              |             |              |
|------------|--------------|-------------|--------------|
| 1. 0.24 =  | 13. 56.2 =   | 25. 3.7 =   | 37. 0.003 =  |
| 2. 0.05 =  | 14. 0.9 =    | 26. 0.4 =   | 38. 0.106 =  |
| 3. 0.234 = | 15. 5.5 =    | 27. 6.01 =  | 39. 1.29 =   |
| 4. 0.016 = | 16. 3.44 =   | 28. 0.318 = | 40. 2 =      |
| 5. 1.29 =  | 17. 0.1 =    | 29. 4.051 = | 41. 0.0452 = |
| 6. 2.33 =  | 18. 0.91 =   | 30. 1.8 =   | 42. 0.444 =  |
| 7. 0.002 = | 19. 31.6 =   | 31. 74.9 =  | 43. 4.881 =  |
| 8. 14.5 =  | 20. 0.0035 = | 32. 82 =    | 44. 0.0201 = |
| 9. 28.1 =  | 21. 0.001 =  | 33. 8.0 =   | 45. 0.0001 = |
| 10. 5.2 =  | 22. 4 =      | 34. 6.05 =  | 46. 3.3 =    |
| 11. 0.06 = | 23. 71 =     | 35. 0.6 =   | 47. 56 =     |
| 12. 4.05 = | 24. 8.9 =    | 36. 0.11 =  | 48. 1.011 =  |

