

Computing the Sale Price

EXAMPLE Leopold buys \$125.00 earrings with a 25% discount. How much does he pay?

Think: $100\% - 25\% = 75\%$

$$\begin{array}{r} \$ 125.00 \\ \times \quad .75 \\ \hline 6.2500 \\ 87.500 \\ \hline \$93.7500 \end{array}$$

Leopold pays \$93.75.

Directions Use the shortcut method to compute the sales price in just one written step. Round to the next higher cent.

Regular Price	Discount	Sales Price	Regular Price	Discount	Sales Price
1. \$56.00	20%	_____	18. \$46.60	18%	_____
2. \$34.86	6%	_____	19. \$23.45	48%	_____
3. \$14.98	32%	_____	20. \$23.42	18%	_____
4. \$37.15	15%	_____	21. \$8.15	5%	_____
5. \$52.98	10%	_____	22. \$6.89	7%	_____
6. \$105.17	28%	_____	23. \$143.01	20%	_____
7. \$41.40	14%	_____	24. \$6.56	10%	_____
8. \$75.15	45%	_____	25. \$31.54	16%	_____
9. \$36.99	20%	_____	26. \$325.98	25%	_____
10. \$56.95	30%	_____	27. \$76.10	20%	_____
11. \$124.99	35%	_____	28. \$35.60	6%	_____
12. \$159.99	33%	_____	29. \$16.35	34%	_____
13. \$17.99	44%	_____	30. \$56.56	13%	_____
14. \$45.98	40%	_____	31. \$16.05	25%	_____
15. \$299.99	33%	_____	32. \$43.45	40%	_____
16. \$4.95	5%	_____	33. \$37.51	50%	_____
17. \$16.32	20%	_____	34. \$147.98	66%	_____

Finding the Percentage of a Number

EXAMPLE 30% of 400 =

Write this:

$$\begin{array}{r} 400 \\ \times .30 \\ \hline 120.00 \end{array}$$

Answer: 30% of 400 = 120

EXAMPLE What is 9.5% of 6.2?

Write this:

$$\begin{array}{r} 6.2 \\ \times 0.095 \\ \hline 310 \\ + 558 \\ \hline 0.5890 \end{array}$$

Answer: 9.5% of 6.2 = 0.589

Directions Find the percentage in the following problems.

1. 10% of 50 = _____
2. What is 10% of 400? _____
3. 3.6% of 25 = _____
4. What is 5% of 20? _____
5. 30% of 90 = _____
6. What is 7.9% of 56? _____
7. 17% of 100 = _____
8. What is 12.5% of 80? _____
9. 8.6% of 9.5 = _____
10. What is 37.5% of 160? _____
11. 4.9% of 31 = _____
12. What is 50% of 326? _____
13. 20% of 15.99 = _____
14. What is 80% of 100? _____
15. 30% of 12.95 = _____
16. What is 35% of 100? _____
17. 87% of 301 = _____
18. What is 0.5% of 100? _____
19. 9.2% of 100 = _____
20. What is 0.01% of 16? _____
21. 16.8% of 100 = _____
22. What is 0.006% of 87? _____
23. 3.9% of 36 = _____
24. What is 0.002% of 897,654? _____
25. 0.05% of 21,000 = _____
26. What is 0.007% of 1,000,000? _____
27. 0.067% of 325,000 = _____
28. What is 0.0125% of 8,000? _____
29. 0.0003% of 100 = _____
30. What is 10.0006% of 305? _____
31. 0.0009% of 827,351 = _____
32. What is 0.897654% of 100? _____

