

Finding a percent of a number by first finding 1% of the number

Remember that “percent” means “out of every 100”. So 1% means 1 out of every 100. Since \$1 is 100 cents, 1% means 1 cent out of every dollar. So

1% of \$1 is 1 cent, or \$0.01
1% of \$3 is 3 cents, or \$0.03
1% of \$41 is 41 cents, or \$0.41
1% of \$215 is 215 cents, or \$2.15
1% of \$3500 is 3500 cents, or \$35.00

1. Find 1% of each of the following dollar amounts.

1% of \$9 is _____ cents, or \$ _____

1% of \$83 is _____ cents, or \$ _____

1% of \$158 is _____ cents, or \$ _____

1% of \$2795 is _____ cents, or \$ _____

1% of \$24 is _____ cents, or \$ _____

1% of \$6 is _____ cents, or \$ _____

2. To find 7% of a number, find 1% first, then multiply that answer by 7.

Example: find 7% of \$11.

1% of \$11 is 11 cents or \$0.11. $\frac{0.11 \times 7}{0.77}$ So 7% of \$11 is \$0.77.

1% of \$3 is \$ _____ so 7% of \$3 is \$ _____

1% of \$58 is \$ _____ so 7% of \$58 is \$ _____

1% of \$120 is \$ _____ so 7% of \$120 is \$ _____

3. Find the following percentages by first finding 1% and then multiplying that answer by the appropriate number.

1% of \$4 is \$ _____ so 3% of \$4 is \$ _____

1% of \$15 is \$ _____ so 6% of \$15 is \$ _____

1% of \$215 is \$ _____ so 8% of \$215 is \$ _____

4. Tax on sports equipment is 7%.

(a) How much tax will you pay on \$36 worth of sports equipment? Answer: \$ _____

(b) With tax, how much will \$36 worth of sports equipment cost total? Answer: \$ _____

(c) You give the clerk \$50 to pay for the sports equipment. How much change will you get back?

Answer: \$ _____