

Lesson 8.1 Understanding Percents

The symbol % (percent) means $\frac{1}{100}$ or 0.01 (one hundredth).

$$\begin{aligned} 7\% &= 7 \times \frac{1}{100} \\ &= \frac{7}{1} \times \frac{1}{100} \\ &= \frac{7}{100} \end{aligned}$$

$$\begin{aligned} 6\% &= 6 \times 0.01 \\ &= 0.06 \end{aligned}$$

$$\begin{aligned} 23\% &= 23 \times \frac{1}{100} \\ &= \frac{23}{100} \end{aligned}$$

$$\begin{aligned} 47\% &= 47 \times 0.01 \\ &= 0.47 \end{aligned}$$

Write the fraction or decimal for each percent. Write fractions in simplest form.

	Percent	Fraction	Decimal
1.	2%	_____	_____
2.	8%	_____	_____
3.	27%	_____	_____
4.	13%	_____	_____
5.	68%	_____	_____
6.	72%	_____	_____
7.	56%	_____	_____
8.	11%	_____	_____
9.	3%	_____	_____
10.	22%	_____	_____
11.	17%	_____	_____
12.	83%	_____	_____
13.	97%	_____	_____
14.	43%	_____	_____