

Converting Percentages to Fractions

Convert the following to fractions. Show your work. The first two are solved.

$$\begin{aligned} 1) \quad 54\% &= \frac{54}{100} \\ &= \frac{27}{50} \end{aligned}$$

4) 31%

7) 62%

10) 76%

13) 23.5%

16) 16.7%

19) 65.7%

22) 31.6%

25) 80.5%

2) 75.2%

5) 28%

8) 27.5%

11) 35.75%

14) 42.64%

17) 21.55%

20) 84.75%

23) 57.75%

26) 13.2%

3) 24.5%

6) 64%

9) 23.5%

12) 48.2%

15) 32.8%

18) 21.6%

21) 72.6%

24) 39.2%

27) 4.1%

Converting Percentages to Fractions

Answers

$$\begin{aligned} 1) \quad 54\% &= \frac{54}{100} \\ &= \frac{27}{50} \end{aligned}$$

$$\begin{aligned} 4) \quad 31\% & \\ &= \frac{31}{100} \end{aligned}$$

$$\begin{aligned} 7) \quad 62\% & \\ &= \frac{31}{50} \end{aligned}$$

$$\begin{aligned} 10) \quad 76\% & \\ &= \frac{19}{25} \end{aligned}$$

$$\begin{aligned} 13) \quad 23.5\% & \\ &= \frac{47}{200} \end{aligned}$$

$$\begin{aligned} 16) \quad 16.7\% & \\ &= \frac{167}{1000} \end{aligned}$$

$$\begin{aligned} 19) \quad 65.7\% & \\ &= \frac{657}{1000} \end{aligned}$$

$$\begin{aligned} 22) \quad 31.6\% & \\ &= \frac{79}{250} \end{aligned}$$

$$\begin{aligned} 25) \quad 80.5\% & \\ &= \frac{161}{200} \end{aligned}$$

$$\begin{aligned} 2) \quad 75.2\% & \\ &= \frac{94}{125} \end{aligned}$$

$$\begin{aligned} 5) \quad 28\% & \\ &= \frac{7}{25} \end{aligned}$$

$$\begin{aligned} 8) \quad 27.5\% & \\ &= \frac{11}{40} \end{aligned}$$

$$\begin{aligned} 11) \quad 35.75\% & \\ &= \frac{143}{200} \end{aligned}$$

$$\begin{aligned} 14) \quad 42.64\% & \\ &= \frac{533}{1250} \end{aligned}$$

$$\begin{aligned} 17) \quad 21.55\% & \\ &= \frac{431}{2000} \end{aligned}$$

$$\begin{aligned} 20) \quad 84.75\% & \\ &= \frac{339}{400} \end{aligned}$$

$$\begin{aligned} 23) \quad 57.75\% & \\ &= \frac{231}{400} \end{aligned}$$

$$\begin{aligned} 26) \quad 13.2\% & \\ &= \frac{33}{250} \end{aligned}$$

$$\begin{aligned} 3) \quad 24.5\% & \\ &= \frac{49}{200} \end{aligned}$$

$$\begin{aligned} 6) \quad 64\% & \\ &= \frac{16}{25} \end{aligned}$$

$$\begin{aligned} 9) \quad 23.5\% & \\ &= \frac{47}{200} \end{aligned}$$

$$\begin{aligned} 12) \quad 48.2\% & \\ &= \frac{241}{500} \end{aligned}$$

$$\begin{aligned} 15) \quad 32.8\% & \\ &= \frac{41}{125} \end{aligned}$$

$$\begin{aligned} 18) \quad 21.6\% & \\ &= \frac{27}{125} \end{aligned}$$

$$\begin{aligned} 21) \quad 72.6\% & \\ &= \frac{363}{500} \end{aligned}$$

$$\begin{aligned} 24) \quad 39.2\% & \\ &= \frac{49}{125} \end{aligned}$$

$$\begin{aligned} 27) \quad 4.1\% & \\ &= \frac{41}{1000} \end{aligned}$$