Section 5.4 Percent Problems

Definition (1) \( \% = 0.01 = \frac{1}{100} \)

(2) \( 100\% = 100 \left( \frac{1}{100} \right) = 1 \)

Exercise 1, 25% of what number is 35?

Exercise 2, 15% of what number is 111?

Exercise 3, 4% of what number is 22?

Exercise 4, \( 16\frac{2}{3}\% \) of what number is 20?

Exercise 5, 55% of what number is 132?

Exercise 6, 8% of what number is 72?

Exercise 7, \( 83\frac{1}{3}\% \) of what number is 65?

Exercise 8, 16% of what number is 52?

Exercise 9, \( \frac{1}{2}\% \) of what number is 30?

Exercise 10, \( \frac{3}{2}\% \) of what number is 12?