Arithmetic section 5.3 Percent Problems

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

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

Ex1, What % of 50 is 36 ?

Ex2, What % of 2000 is 360 ?

Ex3, What % of 440 is 121 ?

Ex4, What % of 300 is 111 ?

Ex5, What % of 40 is 22 ?

Ex6, What % of 500 is 235 ?

Ex7, What % of 50 is \( \frac{1}{2} \) ?

Ex8, What % of 25 is \( \frac{3}{4} \) ?

Ex9, What % of 25 is 33 ?

Ex10, What % of 350 is 91 ?

Ex11, 120 is what % of 250?

Ex12, A book regularly sells for $120. The manager of the bookstore wants to reduce the price by 30%. What will be the sale price of the book?

Ex13, A book regularly sells for $50. The manager of the bookstore wants to reduce the price by 35%. What will be the sale price of the book?