

1.1 In-class Practice

1. Solve.

a) $\frac{2}{3}y + \frac{1}{2}(y - 3) = \frac{y+1}{4}$

b) $4 - |3x + 6| = 1$

c) $3|x + 5| + 6 = 15$

2. **Simple Interest** Levada Qualls borrows \$30,900 from her bank to open a florist shop. She agrees to repay the money in 18 months with simple annual interest of 5.5%.

(a) How much must she pay the bank in 18 months?

(b) How much of the amount in part (a) is interest?