

1-4 Solving Quadratic Equations Factoring

Complete the following to solve each equation:

3 Marks

a. $x^2 + 14x + 49 = 0$

$$(x + \quad)^2 = 0$$

$$x + 7 =$$

$$x =$$

b. $20x^2 + 15x = 0$

5 Marks

$$5x(\quad + 3) = 0$$

either $\quad = 0$

$$x_1 =$$

or $4x + 3 =$

$$x_2 =$$