

S. 74

377

$$a) -9p + 5p = -4p$$

$$b) 4x^2 - 3x^2 = x^2$$

$$c) -r^3 - 5r^3 = -6r^3$$

$$d) 8d - 4d + 3d = 7d$$

378

$$\begin{aligned} a) & (4x - 3) + (9x + 2) \\ &= 4x - 3 + 9x + 2 \\ &= 13x - 1 \end{aligned}$$

$$\begin{aligned} b) & (-2x + 7) + (5x + 2) \\ &= -2x + 7 + 5x + 2 \\ &= 3x + 9 \end{aligned}$$

$$\begin{aligned} c) & (12a - 21) + (-10a - 21) \\ &= 12a - 21 - 10a - 21 \\ &= 2a - 42 \end{aligned}$$

$$\begin{aligned} d) & (-6a - 11) + (9a + 8) \\ &= -6a - 11 + 9a + 8 \\ &= 3a - 3 \end{aligned}$$

$$\begin{aligned} \textcircled{379} \quad a) & (6x + 1) + (2x + 8) \\ & = 6x + 1 + 2x + 8 \\ & = 8x + 9 \end{aligned}$$

$$\begin{aligned} b) & (3x + 4) + (-2x - 9) \\ & = 3x + 4 - 2x - 9 \\ & = x - 5 \end{aligned}$$

$$\begin{aligned} c) & (-7a + 2) - (8a + 5) \\ & = -7a + 2 - 8a - 5 \\ & = -15a - 3 \end{aligned}$$

$$\begin{aligned} d) & (9a - 6) - (10a + 5) \\ & = 9a - 6 - 10a - 5 \\ & = -a - 11 \end{aligned}$$