37 p 60

a) $5a + 50 = 5a + 5 \times 10 = 5(a + 10)$

b) $22B - 2a = 2 \times 11 - 2 \times a = 2(11 - a)$

40 p 61

1)

a) $6 \times x + 6 \times y = 6(x + y)$

b) $y \times x - 6 \times y = y(x - 6)$

c) $y \times 9y - 6 \times 9 = 9(y^2 - 6)$

d) $6a + a^2 = 6a + a \times a = a(6 + a)$

2)

a) $4x + 8 = 4 \times x + 4 \times 2 = 4(x + 2)$

b) $15x + 35x^2 = 5x \times 3 + 5x \times 7x = 5x(3 + 7x)$

41 p 61

a) $6x + 48 = 6(x + 7)$

b) $3x + 48 = 3(x + 16)$

c) $60 + 4y = 4(15 + y)$

d) $5 - 5x = 5(1 - x)$