Workout

Question 1

(a) 4y   (b) 5w   (c) 6a   (d) 3s   (e) 2n

(f) 3g   (g) 2y   (h) 0   (i) 5y   (j) 7a

(k) 14k   (l) 8m   (m) 35c   (n) 3w   (o) 8y

(p) 6t   (q) 3x   (r) 0   (s) 6y   (t) u

(u) $2y^2$ (v) $3a^2$ (w) $5c^2$ (x) $10y^2$ (y) $14w^2$

(z) $7y^2$

Question 2

(a) -2u   (b) -w   (c) -3a   (d) -7y   (e) -5g

(f) 5f   (g) -8m   (h) $-2y^2$ (i) $-a^2$ (j) 3ab

Question 3:

(a) 7a + 3b   (b) 12y + 4h   (c) 10a + 2g   (d) 15m + 10p

(e) 10e + 4   (f) 5a + 12   (g) 5y + 3   (h) 2w + 5

(i) 3 + 6s   (j) 8x + 4y   (k) 7m + 9s   (l) 3a + 6b + 2

(m) 4a – 7b   (n) 3y – 4x   (o) -2y – 9m   (p) 7p – 3q + 7r

(q) 5c – 3d

Question 4:

(a) $10y^2$ + 5ab   (b) $-2x^2$ + 3x   (c) 6ab

Question 5:

(a) 5y + 9   (b) 11x + 25   (c) 6x + 2   (d) 7x + 21

(e) 14y + 23   (f) 16x + 17   (g) 10c + 8   (h) 28a + 27

(i) 15t – 6   (j) 7x – 18   (k) 4y – 12   (l) 5x + 22

(m) 13y – 21   (n) 6w + 4   (o) 9y + 50

Apply

Question 1:

(a) 4x + 18

(b) 4x + 6y

(c) 5x

Question 2:   12x

Question 3:   some possible answers...

4x + 3x + 2y − 3y   77x − 5y + 4y − 70x   3.5x + 3.5x − 0.5y − 0.5y

Question 4:   14x + 12