EXERCISE 20(C)

1. Fill in the blanks:

(i) 2a + b – c = 2a + (……)

(ii) 3x – z + y = 3x – (……..)

(iii) 6p – 5x + q = 6p – (…….)

(iv) a + b – c + d = a + (……..)

(v) 5a + 4b + 4x – 2c = 4x – (……)

Solution:

(i) 2a + b – c = 2a + **(b – c)**

(ii) 3x – z + y = 3x – **(z – y)**

(iii) 6p – 5x + q = 6p – **(5x – q)**

(iv) a + b – c + d = a + **(b – c + d)**

(v) 5a + 4b + 4x – 2c = 4x – **(2x – 5a – 4b)**

2. Insert the bracket as indicated:

(i) x – 2y = - (……)

(ii) m + n – p = - (……..)

(iii) a + 4b – 4c = a + (……..)

(iv) a – 3b + 5c = a – (……..)

(v) $x^2 – y^2 + z^2 = x^2 – (……)$

Solution:

(i) x – 2y = **- (2y – x)**

(ii) m + n – p = **- (p – m – n)**

(iii) a + 4b – 4c = a + **(4b - 4c)**

(iv) a – 3b + 5c = a – **(3b – 5c)**

(v) $x^2 – y^2 + z^2 = x^2 –$ **$(y^2 – z^2)$**