

1. (i) $2a + 5b - 3c$

(ii) $4x^2 - 7xy + 6y^2$

(iii) $-x^2 - 2x$

(iv) $2a^2 + 2ab - bc$

(v) $x^2 + 5 + 6x$

(vi) $5x + 4xy + 4y^2$

(vii)

2. (i) $11x^2 + xy + 17y^2$

(ii) $4x^2 - 5xy - y^2 + 3$

(iii) $3a^3 + b^3 - 4a - b$

3. (i) $2a - 2b$

(ii) $4x - 4y$

(iii) $15a + 12b$

(iv) $11x + 3y$

(v) ~~12~~ $12 - 4a$

(vi) $13x - 17$

$$4. \text{iv} -4a - b - 4c$$

$$(i) 4x - 4y$$

$$(iii) 15a + 12b$$

$$(iv) 11x + 3y$$

$$(v) 12 - 4x$$

$$(vi) 13y - 17$$

$$(v) -ab - 3cd + 3ac + 3bd$$

$$5. (i) 2ab$$

$$(ii) -2x - y - z$$

$$(iii) 2p - \frac{2}{3}q - \frac{1}{2}r$$

$$(iv) 2a$$

$$6. 2x - y - 2z$$

$$7. 2a + 2b + 3c$$

$$8. 3x + 2y - 2$$

$$9. 0$$