

82. Subtract :

(i) $5a^2b^2c^2$ from $-7a^2b^2c^2$

(ii) $6x^2 - 4xy + 5y^2$ from $8y^2 + 6xy - 3x^2$

83. Multiply the following:

(xi) a, a^5, a^6

(xii) $-7st, -1, -13st^2$

(xiii) $b^3, 3b^2, 7ab^5$

(xiv) $-\frac{100}{9}rs; \frac{3}{4}r^3s^2$

85. Expand the following, using suitable identities.

$$(i) \quad (xy + yz)^2$$

(vi) $(x+3)(x+7)$

86. Using suitable identities, evaluate the following.

(ii)

(49)²

88. Factorise the following expressions.

(viii) $2a^3 - 3a^2b + 5ab^2 - ab$

Factorise the following, using the identity $a^2 + 2ab + b^2 = (a + b)^2$

$$(iv) \quad x^2 + 2x + 1$$

91. Factorise the following.

$$(v) \quad y^2 + 4y - 21$$