Factorisation

Method of Common Factors

EXERCISE

Q1. $15x^2y + 30xy^2$ =.........

Q2. $8a^3b^2 + 12a^2b^3$ =.........

Q3. $24x^3 + 36x^2y$ =.........

Q4. $18xy + 12x^2y$ =.........

Q5. $20a^2b^3 + 30a^2b^2c$ **=.........**

Q6. True or False:

  I.   The common factor of 3x and 5x is x.

 II.   If an algebraic expression has only one term, it cannot have any common factors.

III.   The common factor of $7a^2b$ and $14ab^2$ is 7a.

ANSWER KEY

Q1.   15xy

Q2. $4a^2b^2$

Q3. $12x^2$

Q4. 6xy

Q5. $10a^2b^2$

Q6.

  I.   True

 II.   True

III.   False