

Exercise 2015-10EB-00006(2) - Factorisation

Factorise completely:

(1) $a(m - n) + a^2 - mn$

(2) $p^4q^4 - 13p^2q^2 + 36$

(3) $(2x - y)^2 - (x + 2y)^2$

(4) $15m^2 - mn - 2n^2$

(5) $-yr^6 + 64y$

(6) $x^2 - a^2 + 2ab - b^2$

(7) $d^4(t^2 + 7t + 6) - k^6(t^2 + 6 + 7t)$

(8) $\frac{125m^6}{2} - 4$

(9) $(2p - 7)^2 + 7(2p - 7) - 18$

(10) $y^2 - 4y + 4 - 3my + 6m$