

Elementary Algebra Skill

Factoring out the GCF

Factor completely.

1) $8xy + 4xy^2$

2) $9m^3 - 9m^2$

3) $14x^2y^2z + 21xy^2z^2$

4) $20ab^3c^4d - 5ab^2c^2$

5) $12w^3t^2 - 9wt^2 + 15w^2t^3$

6) $-16p^3q^2 + 24p^2q^3 - 32p^4q$

7) $9y^2z^2 - 81y^3z^2 - 90y^2z^4$

8) $36f^5 + 40f^4 - 160f^3 - 20f^2$

9) $8x - x^2$

10) $9y^2 - 3y^3$

11) $2(c-d) + w(c-d)$

12) $x(p+z) + 6(p+z)$