

Quiz #1

Factor the following polynomials completely.

1. $12m^3 - 16mn$

2. $12a^2c^2 - 6bc^3 + 15c^4d^2$

3. $-16m^3n^4 + 8m^3n + 12m^2n^2$

4. $-6x^3y^3 + 3x^3y + 12x^2y^4$

5. $8a^3b^3 - 12ab^4 + 4b^5$

6. $18ac^2d - 12bc^3d + 30c^2d^3$

7. $18am^3n - 9m^3n^5 + 6m^3n$

8. $18a^2b^2 - 12ab^3 + 36ab^2c$

9. $21x^3y^2 - 14x^2y^4 + 35x^2y^2$

10. $12abd^3 - 24bcd^3 - 16bd^3$

Quiz #1

1. $4m(3m^2 - 4n)$
2. $3c^2(4a^2 - 2bc + 5c^2d^2)$
3. $4mn(-4m^2n^3 + 2m^2 + 3mn)$
4. $3x^2y(-2xy^2 + x + 4y^3)$
5. $4b^3(2a^3 - 3ab + b^2)$
6. $6c^2d(3a - 2bc + 5d^2)$
7. $3m^3n(6a - 3n^4 + 2)$
8. $6ab^2(3a - 2b + 6c)$
9. $7x^2y^2(3x - 2y^2 + 5)$
10. $4bd^3(3a - 6c - 4)$