

Math 070
Factoring Polynomials Worksheet

Factor:

1. $32x^5 + 16x^3 - 24x^2$

2. $x^3 + 5x + 2x^2 + 10$

3. $90 + 15b^2 - 18a - 3ab^2$

4. $x^2 + 6xb + 8b^2$

5. $3x^2y - 9xy + 45y$

6. $x^3 - 3x^2 - 28x$

7. $x^2 - 9xb + 8b^2$

8. $16x^2 - 24x + 9$

9. $6x^2y^2 - 2xy^2 - 60y^2$

10. $x^2y^2 - 121$

11. $6b^3 - 162$

12. $25x^5y + 144x^3y$

13. $6x^2 - 2xy - 7yz + 21xz$

14. $216y^3 + z^3$

15. $2ab - 72a^3b$

16. $14x^2 - 9x + 1$