

HW# _____

Factor each polynomial expression completely.

1. $4x^2 + 8x - 320$

2. $3x^2 + 15x + 18$

3. $5b^2 - 30b + 40$

4. $ax^2 - 16a$

5. $4x^2 - 100$

6. $18z^4 - 32$

7. $6y^2 + 66y + 60$

8. $2x^3 - 22x^2 + 60x$

9. $98 - 2a^2$

10. $3x^2 + 39x + 108$

11. $y^3 - y$

12. $-4x^2 - 12x + 16$