

Math 1010 January 13, 2017 homework 3
Do 1.4 # 1-73 alternate odds, as in 1, 5, 9, 13, ...

Factor the following as much as possible.

1. $3x^2 - 6x$

2. $x^2 - x - 6$

3. $x^2 + 7x + 10$

4. $x^2 - x - 30$

5. $4x^2 - 25$

6. $144x^2 + 24x + 1$

7. $25x^2 - 49$

8. $4x^2 + 12x + 9$

9. $3x^2 + 6x - 45$

10. $x^2 + 6x + 9$

11. $6x^2 + 7x + 1$

12. $2x^2 + x - 15$

13. $15x^2 - 17x - 4$

14. $x^3 + 8$

15. $27x^3 - 125$