

Homework #15

Solve

1. $(x + 4)(x - 5) = 0$

9. $(x - 3)^2 = 0$

17. $9x - x^2 = 0$

2. $(x - 3)(x + 2) = 0$

10. $x^2 + 5x = 0$

18. $(7 - x)(3 + x) = 0$

3. $x^2 + 7x + 12 = 0$

11. $x^2 - 25 = 0$

19. $(x - 1)(x + 3) = 32$

4. $x^2 + 2x - 15 = 0$

12. $x^2 - 6x = 0$

20. $9x - x^2 = 20$

5. $x^2 = 3x + 28$

13. $(x + 6)(x + 2) = 32$

21. $2x^2 + 16x + 24 = 0$

6. $x^2 = 9x - 14$

14. $8x - 12 = x^2$

22. $x - 2 = \frac{2x + 5}{x}$

7. $6x - x^2 = 5$

15. $x(x + 8) = 33$

23. $4 = x^2$

8. $x^2 = 9$

16. $\frac{10}{x} = x + 3$

24. $x(x - 3) = 18$