

#1-12, Use the method you think most appropriate to solve each equation. But, do try to use each of the (4) methods at least once. The 2 starred problems (*) must be answered in *exact form*.

1. $s^2 + 8s - 33 = 0$

*2. $x^2 - 4x - 8 = 0$

*3. $(x+2)^2 = 50$

4. $-4m^2 = -1$

5. $e^2 - 14e = -49$

6. $2r^3 + 5r^2 - 7r = 0$

7. $s^2 - 5s = 2$

8. $9u^2 - 25 = 0$

9. $w^2 + 10w = 5$

10. $m^2 + 8m + 10 = 0$

11. $e^2 - 9e + 8 = 0$

12. $-r^2 + 11r - 20 = 0$