

Practice***Solving Equations by Factoring******Solve each equation. Check your solutions.***

1. $x(x - 7) = 0$

2. $4b(b + 4) = 0$

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

4. $(2y - 5)(y + 6) = 0$

5. $(2z + 1)^2 = 0$

6. $\left(\frac{1}{2}t - 1\right)^2 = 0$

7. $3y^2 - 108y = 0$

8. $2v^2 + 20v = 0$

9. $t^2 = 5t$

10. $\frac{1}{4}h^2 - \frac{3}{4}h = 0$

11. $2u^2 - \frac{2}{3}u = 0$

12. $5n^2 = 4n^2 - 4n$

13. $3 - 13s = 3 - 8s + s^2$

14. $d^2 - 4d = 3d$