

Solve each equation by using the zero product property.

1) $(b - 4)(3b - 1) = 0$

2) $(n + 3)(6n + 1) = 0$

3) $(r + 5)(r - 3) = 0$

4) $(v + 8)(2v - 5) = 0$

5) $(8b + 1)(b + 8) = 0$

6) $(3p - 5)(p - 2) = 0$

7) $(2x + 1)(7x + 5) = 0$

8) $(3x - 5)(3x + 1) = 0$

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

10) $(n + 7)(n + 4) = 0$

Solve each equation by factoring, then using the zero product property.

11) $b^2 + b - 56 = 0$

12) $x^2 + 2x - 48 = 0$

13) $n^2 - 2n - 15 = 0$

14) $k^2 + 2k - 35 = 0$