

Name: _____ Date: _____ Hour: _____

Zero Product Property Extra Practice

Use the Zero-Product Property to solve each equation. $(x+5)(x-3)=0$	Use the Zero-Product Property to solve each equation. $(x-2)(x+9)=0$
Use the Zero-Product Property to solve each equation. $(b-12)(b+12)=0$	Use the Zero-Product Property to solve each equation. $(2n+3)(n-4)=0$
Use the Zero-Product Property to solve each equation. $(x+7)(4x-5)=0$	Use the Zero-Product Property to solve each equation. $(2x+7)(2x-7)=0$
Use the Zero-Product Property to solve each equation. $(3x-7)(2x+1)=0$	Use the Zero-Product Property to solve each equation. $(8y-3)(4y+1)=0$
Use the Zero-Product Property to solve each equation. $(5x+6)(4x+5)=0$	Use the Zero-Product Property to solve each equation. $(x+7)(x-4)=0$

Section 8.4: Zero product property, GCF

Solve each equation by using the zero product property.

1) $(n - 5)(n + 3) = 0$

2) $(x - 3)(x + 1) = 0$

3) $(a + 3)(a + 8) = 0$

4) $m(m + 7) = 0$

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

6) $(3p + 1)(8p - 3) = 0$

7) $(a - 7)(a - 3) = 0$

8) $(4v + 5)(v + 7) = 0$

9) $3p(5p - 1) = 0$

10) $(v + 8)^2 = 0$

Factor the common factor out of each expression.

11) $16r^4 - 28r$

12) $-63p + 56$

13) $50r + 10$

14) $-20x^2 - 24x$