A 13-2

Wednesday, March 06, 2013
11:40 AM

NAME_____DATE_____PER._____

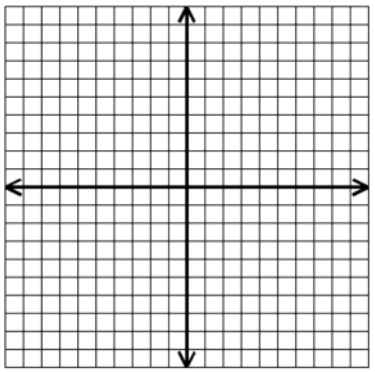
MORE SOLVING QUADRATIC EQUATIONS BY FACTORING

Solve.

1) x = _____	2) x = _____
$4x^2 = 9$	$x^2 = 12x - 27$
3) n = _____	4) s = _____
$12n^2 + 2n = 4$	$4s - 4s^2 = 1$
5) x = _____	6) r = _____
$7x^2 = 18x - 11$	$r - 6r^2 = -1$
7) u = _____	8) y = _____
$8u^2 - 2u = 0$	$8y^2 - 9y = -1$
9) n = _____	10) h = _____
$2n^2 - 50 = 0$	$6h^2 + 17h + 12 = 0$

11) a = _____	12) x = _____
$10a^2 - 11a - 6 = 0$	$0 = 10x^2 - 15x$
13) x = _____	$(x - 5)(2x + 4) = 0$
14) L = _____	The area of a rectangular room is represented by the equation $\boldsymbol{L^2 - 5L = 36}$, where ***L*** is the length of the room. Find the length of the room.

REVIEW PROBLEMS
Answer each problem as indicated.

15) A = _____	The length of a square is represented by the expression $\boldsymbol{4x - 5}$. Find the area of the square in terms of ***x***.
16) 	Graph: $3x - 5y = 10$