What Is a Metaphor?

Solve each equation below using the quadratic formula. Cross out the box that contains the solution set. When you finish, print the letters from the remaining boxes in the spaces at the bottom of the page.

(1) $x^2 + 4x + 3 = 0$

(2) $x^2 - 7x + 10 = 0$

(3) $x^2 + 5x + 6 = 0$

(4) $x^2 - 3x - 4 = 0$

(5) $y^2 + 2y - 8 = 0$

(6) $x^2 - 5x + 2 = 0$

(7) $d^2 + 3d - 7 = 0$

(8) $2x^2 - 5x + 2 = 0$

(9) $2n^2 - 3n - 5 = 0$

(10) $3x^2 + 5x + 1 = 0$

(11) $3y^2 - 2y - 8 = 0$

ONE $\{5, 2\}$	ATH $\left\{\frac{-5 \pm \sqrt{13}}{6}\right\}$	TOK $\left\{-4, \frac{1}{2}\right\}$	ING $\left\{\frac{5}{2}, -1\right\}$	ICK $\left\{\frac{-3 \pm \sqrt{37}}{2}\right\}$
ASL $\{-2, -3\}$	EEP $\left\{\frac{3 \pm \sqrt{15}}{2}\right\}$	MET $\{2, -4\}$	BOW $\left\{2, -\frac{4}{3}\right\}$	COW $\left\{\frac{2 \pm \sqrt{30}}{6}\right\}$
BOY $\left\{2, \frac{1}{2}\right\}$	RIT $\{-1, -3\}$	SIN $\{6, 1\}$	GLE $\left\{\frac{5 \pm \sqrt{17}}{2}\right\}$	ING $\{4, -1\}$

What Do You Call It When Somebody Spends 20 Years in the 24th Row of a Theater?

Solve each equation below using the quadratic formula. Find the solution set at the bottom of the page and print the letter of the exercise above it.

Ⓘ $2x^2 - 7x + 5 = 0$

Ⓝ $2x^2 + x - 6 = 0$

Ⓢ $3n^2 - 2n - 5 = 0$

Ⓐ $w^2 + 7w + 4 = 0$

Ⓘ $5x^2 + 3x - 3 = 0$

Ⓖ $6x^2 - x = 2$

Ⓔ $2y^2 + 2 = 9y$

Ⓘ $x^2 - 6x + 4 = 0$

Ⓛ $t^2 + 4t - 2 = 0$

Ⓝ $3x^2 + 10x + 5 = 0$

Ⓥ $4x^2 - 3x = 1$

Ⓛ $2d^2 + 4 = 5d$

Ⓧ $2x = 7 - x^2$

Ⓘ $y^2 + 9 = -9y$

$\{-2 \pm \sqrt{6}\}$	$\left\{\frac{-3 \pm \sqrt{69}}{10}\right\}$	$\left\{1, -\frac{1}{4}\right\}$	$\{3 \pm \sqrt{5}\}$	$\left\{\frac{3}{2}, -2\right\}$	$\left\{\frac{2}{3}, -\frac{1}{2}\right\}$	$\{-1 \pm 3\sqrt{5}\}$	$\left\{\frac{5}{2}, 1\right\}$	$\left\{\frac{-5 \pm \sqrt{10}}{3}\right\}$	$\left\{\frac{-9 \pm \sqrt{30}}{2}\right\}$	$\{-1 \pm 2\sqrt{2}\}$	$\left\{2, -\frac{3}{2}\right\}$	$\left\{\frac{-7 \pm \sqrt{33}}{2}\right\}$	$\left\{\frac{-9 \pm 3\sqrt{5}}{2}\right\}$	$\left\{\frac{5}{3}, -1\right\}$	no solution	$\left\{\frac{9 \pm \sqrt{65}}{4}\right\}$

OBJECTIVE 4–e: To solve quadratic equations using the quadratic formula (more challenging exercises).