

ANSWER KEY

ACTIVITY 1: Set Me to Your Standard

1. $3m + 8 = 15$
2. $x^2 - 5x + 10 = 0$
3. $12 - 4x = 0$
4. $2t^2 - 7t = 12$
5. $6 - 2x + 3x^2 = 0$
6. $25 - r^2 = 4r - 5r^2 + 10$
7. $3x(x - 2) = -7$
8. $2h(h - 6) = 2h + 3$
9. $(x + 2)^2 = 0$
10. $(w - 8)(w + 5) = 14 + w^2$

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ACTIVITY 2: Work on this!

	Quadratic term	Linear term	Constant
1. $x^2 - x - 3 = 0$	x^2	$-x$	
2. $5x^2 - 2x - 9 = 0$	$5x^2$	$-2x$	-9
3. $2s^2 - 4s - 2 = 0$	$2s^2$	$-4s$	-2
4. $3x^2 + 4x = -2$	$3x^2$	$4x$	2
5. $x^2 - x = 3$	x^2	$-x$	-3
6. $2x^2 - 5x = x^2 + 2x - 1$	x^2	$-7x$	1
7. $x(2x + 3) - 5 = 6x$	$2x^2$	$-3x$	-5
8. $(2m - 1)(m + 3) = 3$	$2m^2$	$5m$	-6
9. $(x + 1)^2 = 1$	x^2	$2x$	0
10. $3x(2x + 1) = 3x - 12$	x^2	0	2

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Page 5 of 6