

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

# Factorama!!!

Try to be the first group to find the zeros of each equation. Then match the zeros with the correct letter below to answer the question. Good Luck!!

$4k^2 - 1 = 63$	$v^2 + 9v = -14$	$8x^2 = -2 + 17x$	$x^2 + 4x = 12$
S	M	E	O
$-1 - 3a^2 = -4$	$a^2 - 6a = -8$	$k^2 = -2k$	$r^2 + 32 = 12r$
T	K	C	A
$x^2 - 3x + 6 = 6$	$5p^2 - 37p = -42$	$n^2 + 8 = 9n$	$c^2 - 14 = 11$
W	R	U	I
$5x^2 - 8 = 18x$	$7x^2 + 12x = -5$	$(m + 1)(m + 2) = 0$	$5r^2 - 6r = 0$
F	X	B	J

**What do you get when you cross a vampire with a snowman?**

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$\{-\frac{2}{5}, 4\}$     $\{\frac{7}{5}, 6\}$     $\{-6, 2\}$     $\{-4, 4\}$     $\{-1, 1\}$     $\{-2, -1\}$     $\{-5, 5\}$     $\{-1, 1\}$     $\{\frac{1}{8}, 2\}$

