

# MULTI-STEP EQUATIONS: CRACK THE CODE

Solve each equation. Then, look for any places where that solution appears in the code at the bottom of the page, and write the corresponding letter on the line. Use the code to reveal the rest of the joke! Note: Not every letter will be used in the code at the bottom.

T	$-2(3 + 5x) = 2x + 6$
O	$10x - 3 = 2x - 8 + 7x$
S	$-4x - 8 + 6x = 16 - 6x$
N	$12x + 3(2 - 5x) = 16 - 8x$
U	$9(2 - x) + 11 = 8 - 12x$

H	$-12 = 5(6 - 3x) + 8x$
E	$-8x - 14 = 5(2 - x)$
C	$6(x + 1) - 2 = -3x - 14$
M	$4x + 8(3 - 2x) = -24$
R	$-10x + 6 = 3 - 3(2x + 11)$

What rock group has four members that can't sing or play instruments?

$\frac{\quad}{4}$   $\frac{\quad}{-5}$   $\frac{\quad}{-7}$   $\frac{\quad}{2}$   $\frac{\quad}{-1}$   $\frac{\quad}{9}$   $\frac{\quad}{-7}$   $\frac{\quad}{3}$   $\frac{\quad}{6}$   $\frac{\quad}{4}$   $\frac{\quad}{-5}$   $\frac{\quad}{9}$   $\frac{\quad}{-8}$  !