ALGEBRA RIDDLE: ONE-STEP EQUATIONS

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 answer to the riddle!

M	$x + 12 = 20$ $x = 8$	**D**	$3x = 21$ $x = 7$
O	$x - 9 = 12$ $x = 21$	**A**	$\dfrac{x}{5} = 6$ $x = 30$
C	$42 = 7x$ $x = 6$	**E**	$x - 13 = 11$ $x = 24$
N	$\dfrac{x}{8} = 9$ $x = 72$	**T**	$x + 18 = 49$ $x = 31$
H	$5 = x - 17$ $x = 22$	**R**	$4x = 52$ $x = 13$
S	$3 = \dfrac{x}{12}$ $x = 36$	**I**	$29 = x + 13$ $x = 16$

WHY DIDN'T THE QUARTER ROLL DOWN THE HILL WITH THE NICKEL?

I	T		H	A	D		M	O	R	E		C	E	N	T	S	!
16	31		22	30	7		8	21	13	24		6	24	72	31	36	