Sort It Out		**Solving Linear Equations**	

Sort these equations into the four categories given, stating the solution to each equation.

1	$2 = x - 3$	**11**	$6 - x = 3x + 1$
2	$9 - x = 15$	**12**	$40 + 5x = 7x - 1$
3	$3x + 1 = 19$	**13**	$27 - 2x = 4(x + 5)$
4	$8 = 2x - 3$	**14**	$8(x + 1) = 3(x - 7)$
5	$11 - 4x = 19$	**15**	$5(3 - x) = 2(x + 8)$
6	$5x + 9 = 2$	**16**	$2(2x - 1) = 7(7 - x)$
7	$27 = 3(4 + x)$	**17**	$3(x + 5) - x = 4(7 + x)$
8	$2(2x - 5) = 22$	**18**	$5(x - 2) + 3(2x + 1) = 20$
9	$6(5 - 3x) = 48$	**19**	$7(x + 1) - 3(2x - 1) = 5$
10	$7x + 1 = 21 + 2x$	**20**	$x(4 + x) - x(x - 5) + 9 = 0$

A	The solution to the equation is a positive integer	**B**	The solution to the equation is a negative integer
C	The solution to the equation is a positive fraction	**D**	The solution to the equation is a negative fraction