

You may have tried to solve by changing the signs to $4d - 7 = 21$ and just solving this equation. However, if $|X| = 21$, then $X = 21$ or $X = -21$. In this problem, X is replaced by $-4d + 7$. So you should be solving *two* equations, $-4d + 7 = 21$ and $-4d + 7 = -21$. The correct answer is $d = -\frac{7}{2}$ or $d = 7$.