



Name \_\_\_\_\_ Per \_\_\_\_\_

# What did the worker at the rubber band factory say when he lost his job?

Solve. Show ALL work! Find the NO SOLUTION equations.  
Cross out their letter in the answer grid below to find the answer to the riddle.

<b>B</b> $4(x-2)+1=x-6+3x$ $4x-8+1=4x-6$ $4x-7=4x-6$ $-7=-6$ No solution	<b>O</b> $5(x+3)=2x+6$ $5x+15=2x+6$ $3x+15=6$ $3x=-9$ $x=-3$	<b>Y</b> $2x+7+x-1=3(x-2)$ $3x+6=3x-6$ $6=-6$ No solution
<b>A</b> $6(x-3)=2x+4x-18$ $6x-18=6x-18$ $-18=-18$ Infinite solutions	<b>L</b> $2(x-3)=x-5+x$ $2x-6=2x-5$ $-6=-5$ No solution	<b>F</b> $x+2x-9=4x-4-3-x$ $3x-9=3x-7$ $-9=-7$ No solution
<b>T</b> $2(x-4)=x-6+x$ $2x-8=2x-6$ $-8=-6$ No solution	<b>M</b> $-6x-2=-2(3x-1)$ $-6x-2=-6x+2$ $-2=2$ No solution	<b>P</b> $3(x-4)=-12+x+2x$ $3x-12=3x-12$ $-12=-12$ Infinite solutions
<b>N</b> $3x-x+2x+8=4(x+2)$ $4x+8=4x+8$ $8=8$ Infinite solutions	<b>E</b> $x-4x+2=-x-2x+3$ $-3x+2=-3x+3$ $2=3$ No solution	<b>S</b> $x+2x+8=10-2+3x$ $3x+8=3x+8$ $8=8$ Infinite solutions
<b>R</b> $x-1=x+1$ $-1=1$ No solution	<b>D</b> $3x+1=3x-2$ $1=-2$ No solution	<b>I</b> $6x-3x=3(x-5)$ $3x=3x-15$ $0=-15$ No solution

**F O R S Y B N I L M A D T E P**