

# Crack the Code

# Solving Linear Equations

<b>A</b>	Solve $x + 14 = 40$ $x = 26$	<b>B</b>	Solve $3x - 2 = 34$ $x = 12$
<b>C</b>	Solve $5x - 3 = 17$ $x = 4$	<b>D</b>	Solve $2x = 50$ $x = 25$
<b>E</b>	Solve $3 - 7x = 24$ $x = -3$	<b>F</b>	Solve $5(x + 5) + 3 = 13$ $x = -3$
<b>G</b>	Solve $x + 20 = 2(x + 6)$ $x = 8$	<b>H</b>	Solve $4x - 40 = 10 - x$ $x = 10$
<b>I</b>	Solve $5x - 4 = 1 + 6x$ $x = -5$	<b>J</b>	Solve $3(2x - 7) = 15$ $x = 6$
<b>K</b>	Solve $48 + x = 12 + 5x$ $x = 9$	<b>L</b>	Solve $5x + 12 = 12x - 9$ $x = 3$
<b>M</b>	Solve $3(x - 2) + 4 = 10 + x$ $x = 6$	<b>N</b>	Solve $5(x - 4) + 25 = 0$ $x = -1$
<b>O</b>	Solve $8x - 1 = 6x - 5$ $x = -2$	<b>P</b>	Solve $3(2x + 5) + x = 2(2 - x) + 2$ $x = -1$
<b>Q</b>	Solve $3x - 21 = 3 - x$ $x = 6$	<b>R</b>	Solve $\frac{2x}{5} = 12$ $x = 30$
<b>S</b>	Solve $\frac{2x-8}{6} = 3$ $x = 13$	<b>T</b>	Solve $\frac{x+3}{4} = \frac{3(x-1)}{6}$ $x = 5$

To get the three-digit code, add all your answers together. **121**