



# Crack the Code



## Evaluating Functions

<b>A</b>	$f(x) = 4x - 1$ Find $f(3)$ <b>11</b>	<b>B</b>	$f(x) = 2x + 5$ Find $f(6)$ <b>17</b>
<b>C</b>	$f(x) = 7 + 2x$ Find $f(-1)$ <b>5</b>	<b>D</b>	$f(x) = 8 - x$ Find $f(-5)$ <b>13</b>
<b>E</b>	$f(x) = 6x + 3$ Find $f(0.5)$ <b>6</b>	<b>F</b>	$f(x) = 10x - 1$ Find $f(-0.2)$ <b>-3</b>
<b>G</b>	$f(x) = x^2 + 11$ Find $f(3)$ <b>20</b>	<b>H</b>	$f(x) = 3x^2 - 2$ Find $f(-4)$ <b>46</b>
<b>I</b>	$f(x) = x^2 - 1$ Find $f(\sqrt{4})$ <b>3</b>	<b>J</b>	$f(x) = 8x^2 + 7$ Find $f(0.5)$ <b>9</b>
<b>K</b>	$f(x) = \sqrt{5x + 9}$ Find $f(8)$ <b>7</b>	<b>L</b>	$f(x) = \sqrt{17 + x^2}$ Find $f(-8)$ <b>9</b>
<b>M</b>	$f(x) = \frac{1}{x}$ Find $f(0.4)$ <b>2.5</b>	<b>N</b>	$f(x) = \frac{7}{x + 3}$ Find $f(-1)$ <b>3.5</b>
<b>O</b>	$f(x) = \frac{x + 48}{x}$ Find $f(12)$ <b>5</b>	<b>P</b>	$f(x) = \frac{2}{x + 1} + \frac{3}{x}$ Find $f(-3)$ <b>-2</b>
<b>Q</b>	$f(x) = x^3 + 2x^2 - 1$ Find $f(4)$ <b>95</b>	<b>R</b>	$f(x) = 5x - a$ Given $f(6) = 21$ , find $a$ <b>9</b>
<b>S</b>	$f(x) = \frac{2}{x + b}$ Given $f(-3) = 0.25$ , find $b$ <b>11</b>	<b>T</b>	$f(x) = x^2 + 3x - 1$ Given $f(c) = 9$ , find the two possible values of $c$ <b>-5, 2</b>

To get the three-digit code, add together all your answers. **264**