



## Algebraic Function Variable Substitution - Fractional Squared Terms (Negatives)

<b>1</b> What is the value of this equation when $r=4$ , $d=-5$ , $c=-2$  $\left(\frac{3r + 6c}{2d}\right)^2$	<b>A</b> <b>2</b>	<b>B</b> <b>98</b>	<b>C</b> <b>-98</b>
	<b>D</b> <b>0</b>	<b>E</b> <b>1</b>	<b>F</b> <b>38</b>
<b>2</b> What is the value of this equation when $p=-7$ , $r=2$ , $b=-2$  $-\left(\frac{2p - 2b}{5r}\right)^2$	<b>A</b> <b>118</b>	<b>B</b> <b>108</b>	<b>C</b> <b>1</b>
	<b>D</b> <b>2</b>	<b>E</b> <b>-118</b>	<b>F</b> <b>-1</b>
<b>3</b> What is the value of this equation when $y=-4$ , $p=-2$ , $b=-6$  $-\left(\frac{6y - 4b}{7p}\right)^2$	<b>A</b> <b>82</b>	<b>B</b> <b>-124</b>	<b>C</b> <b>124</b>
	<b>D</b> <b>0</b>	<b>E</b> <b>4</b>	<b>F</b> <b>-3</b>
<b>4</b> What is the value of this equation when $z=-6$ , $r=-7$ , $y=8$  $\left(\frac{4z + 3y}{4r}\right)^2$	<b>A</b> <b>-3</b>	<b>B</b> <b>-340</b>	<b>C</b> <b>340</b>
	<b>D</b> <b>0</b>	<b>E</b> <b>2</b>	<b>F</b> <b>116</b>
<b>5</b> What is the value of this equation when $d=5$ , $y=-6$ , $n=6$  $-\left(\frac{6d - 5n}{5y}\right)^2$	<b>A</b> <b>120</b>	<b>B</b> <b>-330</b>	<b>C</b> <b>330</b>
	<b>D</b> <b>3</b>	<b>E</b> <b>4</b>	<b>F</b> <b>0</b>
<b>6</b> What is the value of this equation when $b=-2$ , $z=-4$ , $m=2$  $\left(\frac{7b + 7m}{3z}\right)^2$	<b>A</b> <b>-4</b>	<b>B</b> <b>-76</b>	<b>C</b> <b>76</b>
	<b>D</b> <b>0</b>	<b>E</b> <b>16</b>	<b>F</b> <b>-3</b>
<b>7</b> What is the value of this equation when $r=-4$ , $x=4$ , $b=-2$  $-\left(\frac{2r - 4b}{4x}\right)^2$	<b>A</b> <b>-96</b>	<b>B</b> <b>96</b>	<b>C</b> <b>-3</b>
	<b>D</b> <b>0</b>	<b>E</b> <b>48</b>	<b>F</b> <b>-4r</b>
<b>8</b> What is the value of this equation when $c=-2$ , $r=-3$ , $b=-8$  $-\left(\frac{2c - 2b}{2r}\right)^2$	<b>A</b> <b>-4</b>	<b>B</b> <b>26</b>	<b>C</b> <b>2</b>
	<b>D</b> <b>3</b>	<b>E</b> <b>-26</b>	<b>F</b> <b>1</b>