



Rational Function Inequalities - Factored Quadratic over Binomial - Solution Set

<p>1 Which set of values satisfies this inequality?</p> $\frac{(x + 4)(x - 2)}{x - 2} > 0$	<p>2 Which set of values satisfies this inequality?</p> $\frac{(x - 2)(x - 4)}{x - 4} > 0$
<p>A $(-\infty, -4) \cup (-4, \infty)$</p>	<p>A $(-\infty, 2) \cup (2, \infty)$</p>
<p>B $(-\infty, -4) \cup (2, \infty)$</p>	<p>B $(-\infty, 2) \cup (4, \infty)$</p>
<p>C $(-\infty, -4)$</p>	<p>C $(-\infty, 2)$</p>
<p>D $(-4, \infty)$</p>	<p>D $(2, \infty)$</p>
<p>3 Which set of values satisfies this inequality?</p> $\frac{(x + 4)(x + 3)}{x - 1} > 0$	<p>4 Which set of values satisfies this inequality?</p> $\frac{(x - 1)(x - 2)}{x + 1} < 0$
<p>A $(-\infty, -4) \cup (-3, 1)$</p>	<p>A $(-\infty, -1) \cup (-1, 1) \cup (1, 2) \cup (2, \infty)$</p>
<p>B $(-\infty, -4) \cup (-3, -2) \cup (1, \infty)$</p>	<p>B $(-4, -1) \cup (1, 2)$</p>
<p>C $(-\infty, -4) \cup (-4, -3) \cup (-3, 1) \cup (1, \infty)$</p>	<p>C $(-\infty, -1) \cup (1, 2)$</p>
<p>D $(-4, -3) \cup (1, \infty)$</p>	<p>D $(-1, 1) \cup (2, \infty)$</p>
<p>5 Which set of values satisfies this inequality?</p> $\frac{(x + 4)(x - 1)}{x + 1} < 0$	<p>6 Which set of values satisfies this inequality?</p> $\frac{x(x - 2)}{x} > 0$
<p>A $(-\infty, -4) \cup (-4, -1) \cup (-1, 1) \cup (1, \infty)$</p>	<p>A $(-\infty, 2) \cup (2, \infty)$</p>
<p>B $(-4, -1) \cup (1, \infty)$</p>	<p>B $(-\infty, 2)$</p>
<p>C $(-4, -3) \cup (-1, 1)$</p>	<p>C $(2, \infty)$</p>
<p>D $(-\infty, -4) \cup (-1, 1)$</p>	<p>D $(-\infty, 0) \cup (2, \infty)$</p>
<p>7 Which set of values satisfies this inequality?</p> $\frac{(x + 4)(x + 1)}{x + 4} > 0$	<p>8 Which set of values satisfies this inequality?</p> $\frac{(x + 2)(x - 2)}{x - 1} < 0$
<p>A $(-1, \infty)$</p>	<p>A $(-\infty, -2) \cup (-2, 1) \cup (1, 2) \cup (2, \infty)$</p>
<p>B $(-\infty, -4) \cup (-1, \infty)$</p>	<p>B $(-\infty, -2) \cup (1, 2)$</p>
<p>C $(-\infty, -1)$</p>	<p>C $(-2, 1) \cup (2, \infty)$</p>
<p>D $(-\infty, -1) \cup (-1, \infty)$</p>	<p>D $(-4, -2) \cup (1, 2)$</p>