

#06 Linear Inequalities

Total points 4/5 

Name *

.....

Section *





1/1

The solution set of the rational inequality $\frac{1}{x-2} < 0$ is

$$(2, \infty)$$

Option 1

$$(-\infty, 2]$$

Option 2

$$(-\infty, 2)$$

Option 3





1/1

The solution set of the rational inequality $\frac{-1}{x+2} \geq 0$ is

$$(-\infty, -2)$$

 Option 1 Option 2

$$(-2, \infty)$$

$$(-\infty, 2]$$

 Option 3



2/2

The solution set of the rational inequality $\frac{9 - 3x}{x - 1} \geq 0$ is

[1, 3]

Option 1

(1, 3]

Option 2



(1, 3)

Option 3



✗ *

0/1

The solution set of the rational inequality $\frac{x}{x-5} > \frac{1}{2}$ is

$$(-\infty, -5) \cup (5, \infty)$$

 Option 1

$$(-\infty, -5] \cup (5, \infty)$$

 Option 2

✗

$$(-\infty, -5] \cup [5, \infty)$$

 Option 3

Correct answer

 Option 1

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