#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 ✓

$(-2, \infty)$

Option 2

$(-\infty, 2]$

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