

Item	Claim	Domain	Target	DOK	CONTENT	MP	Key
#14	1	EE	D	2	8.EE.C.7a	N/A	See exemplar

1865



Drag a number into each box to create an equation that has no solution.

0

1

2

3

4

5

6

7

8

9

Delete

$$8x - 3x + 2 - x = \square x + \square$$

Exemplar: (shown at right)
Other correct solutions are possible.

Rubric: (1 point) Student creates an equation with no solutions.

Other correct responses:

- Any equation with a slope of 4 and an intercept that is not 2.

$$8x - 3x + 2 - x = \boxed{4}x + \boxed{8}$$

Item	Claim	Domain	Target	DOK	CONTENT	MP	Key
#18	3	EE	D	3	8.EE.C.7a	1, 3	See exemplar

2042



Consider this equation.

$$c = ax - bx$$

Joseph claims that if a , b , and c are non-negative integers, then the equation has exactly one solution for x .

Select **all** cases that show Joseph's claim is **incorrect**.

- $a - b = 1, c = 0$
- $a = b, c \neq 0$
- $a = b, c = 0$
- $a - b = 1, c \neq 1$
- $a \neq b, c = 0$

Exemplar: (shown at right)

Rubric: (1 point) Student correctly selects the second and third options.

- $a - b = 1, c = 0$
- $a = b, c \neq 0$
- $a = b, c = 0$
- $a - b = 1, c \neq 1$
- $a \neq b, c = 0$