Name *

....

Section *

[▼]

✓ The interval (-3,8] written in set builder form is * 1/1

$\{x : x \in R, -3 < x \leq 8\}$

○ Option 1 ✓

$\{x : x \in R, -3 \leq x \leq 8\}$

○ Option 2

$\{x : x \in R, -3 \leq x < 8\}$

$\{x : x \in N, -3 < x \leq 8\}$

○ Option 3   ○ Option 4

✓ The interval [-3,0] written in set builder form is *   1/1

$$\{x : x \text{ is an integer}, -3 \leq x \leq 0\}$$

○ Option 1

$$\{x : x \in R, -3 \leq x \leq 0\}$$

◉ Option 2   ✓

$$\{-3, -2, -1, 0\}$$

○ Option 3

$$\{x : x \in R, 0 \leq x \leq -3\}$$

○ Option 4

$\{x : x \in R, 0 < x < 3.5\}$

$[0, 3.5]$

Option 1

$[0, 3.5)$

Option 2

$(0, 3.5)$

Option 3 ✓

$(3.5, 0)$

Option 4

✓ *   2/2

$$C = \{a, b, \{x, y\}, c\}, \quad \text{then } \{x, y\} \subset C$$

○ True

◉ False ✓