

**Exercise 3**

Express the set of real numbers between but not including 2 and 7 as follows.

(a) In set-builder notation: \_\_\_\_\_

(b) In interval notation: \_\_\_\_\_

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**Solution**

Set-builder notation:  $\{x \mid 2 < x < 7\}$

Interval notation:  $(2, 7)$