

Exercise 1 The interval $\{x \in \mathbb{R} \mid -7 \leq x \leq 11\}$ is

Multiple Choice:

- (a) closed ✓
 - (b) open
 - (c) half opened
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Exercise 2 The interval $\{t \in \mathbb{R} \mid -9 < t \leq 7\}$ is

Multiple Choice:

- (a) closed
 - (b) open
 - (c) half opened ✓
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Exercise 3 The interval $\{y \in \mathbb{R} \mid -3 < y < 0\}$ is

Multiple Choice:

- (a) closed
 - (b) open ✓
 - (c) half opened
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Exercise 4 The interval $\{r \in \mathbb{R} \mid r < 6\}$ is

Multiple Choice:

- (a) bounded
- (b) unbounded ✓
- (c) neither

Exercise 5 The interval $\{k \in \mathbb{R} \mid -3 < k\}$ is

Multiple Choice:

- (a) *bounded*
 - (b) *unbounded* ✓
 - (c) *neither*
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Exercise 6 The interval $\{k \in \mathbb{R} \mid -1 < k \leq 8\}$ is

Multiple Choice:

- (a) *bounded* ✓
 - (b) *unbounded*
 - (c) *neither*
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