SOLVING LINEAR INEQUALITIES

EXERCISE: **Solve.** Graph **and write the solution in both** interval notation **and** set-builder notation.

(1)   (2)

(3)   (4)

(5)   (6)

(7)   (8)   –

(9) –   –   –   –   (10)

Answers

   1.

Interval notation:
Set-builder notation:

2.

Interval notation:
Set-builder notation:

3.

Interval notation:
Set-builder notation:

4.   –

Interval notation: –
Set-builder notation: –

5.   —

Interval notation: —
Set-builder notation: —

6.

Interval notation:
Set

Interval notation:
Set-builder notation:

8.

Interval notation:
Set-builder notation:

9.

Interval notation:
Set-builder notation:

9.