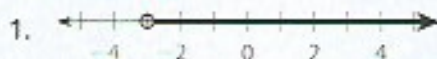


LESSON
1-1

Domain, Range, and End Behavior

Practice and Problem Solving: A/B

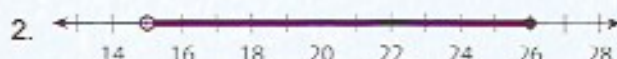
Describe the interval shown using an inequality, set notation, and interval notation.



Inequality: _____

Set Notation: _____

Interval Notation: _____



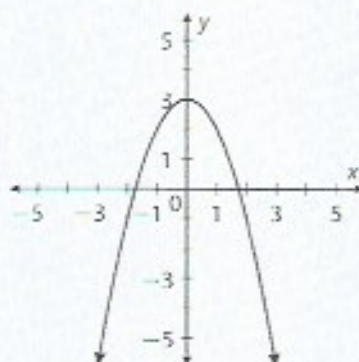
Inequality: _____

Set Notation: _____

Interval Notation: _____

Describe the domain and range of the graph using an inequality, set notation, and interval notation. Then describe its end behavior.

3. Graph of $f(x) = -x^2 + 3$:



Domain: _____

Inequality: _____

Set Notation: _____

Interval Notation: _____

Range: _____

Inequality: _____

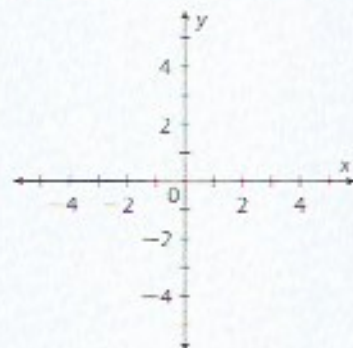
Set Notation: _____

Interval Notation: _____

End Behavior: _____

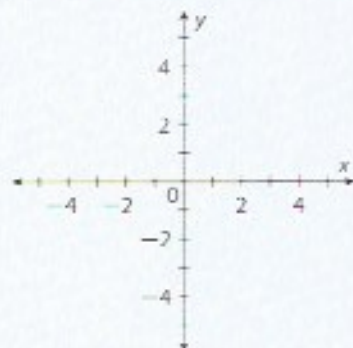
Draw the graph of the function with its given domain. Then determine the range using interval notation.

4. $g(x) = -3x + 2$ with domain $(-1, 2]$:



Range: _____

5. $h(x) = 0.5x - 1$ with domain $(-\infty, 4)$:



Range: _____