1-6 Relations and Functions

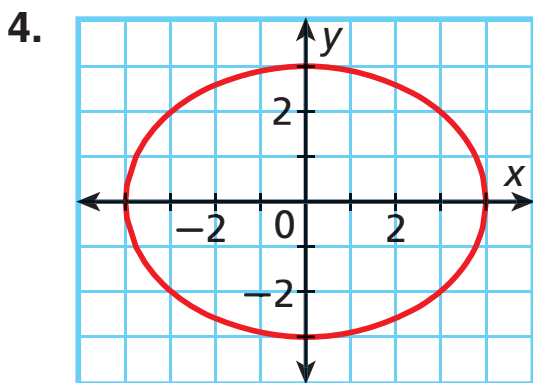## ✓ Lesson Quiz

1. Give the domain and range for this relation: {(10, 5), (20, 5), (30, 5), (60, 100), (90, 100)}.

Determine whether each relation is a function.

2. from each person in class to the number of pets he or she has

3. from city to zip code

Use the vertical-line test to determine whether the relation is a function. If not, identify two points a vertical line would pass through.

4.

Holt Algebra 2

1-6 Relations and Functions
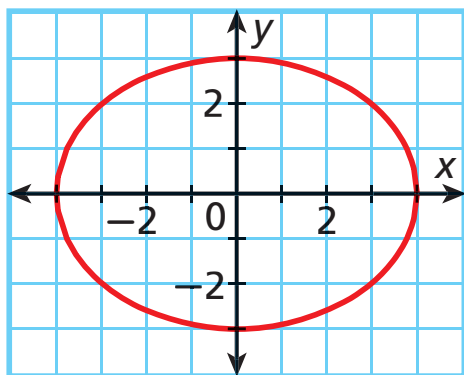
✓ Lesson Quiz

1. Give the domain and range for this relation: $\{(10, 5), (20, 5),$ $(30, 5), (60, 100), (90, 100)\}$. **D: {10, 20, 30, 60, 90};** **R: {5, 100}**

Determine whether each relation is a function.

2. from each person in class to the number of pets he or she has **function**

3. from city to zip code **not a function**

Use the vertical-line test to determine whether the relation is a function. If not, identify two points a vertical line would pass through.

4.

not a function; possible answer: (3, 2) and (3, −2)

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