Name _____ Date _____ Class _____

Complete each sentence to make a true statement.
The first one has been done for you.

1. The domain of a relation corresponds to the _____**x**_____-values in the ordered pairs.

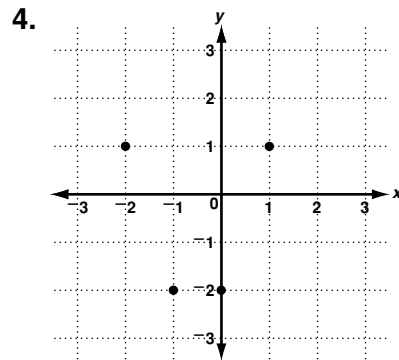2. The range of a relation corresponds to the _____-values in the ordered pairs.

Give the domain and range for each relation.

3.

Daily CD Sales	
Day	**CDs Sold**
Mon	287
Tue	395
Wed	128
Thu	326
Fri	649

Domain: {Mon, Tue, Wed, Thu, Fri};

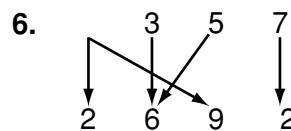**Range: {287, 395, 128, 326, 649}**

4.

Domain: {−2, −1, 0, 1};

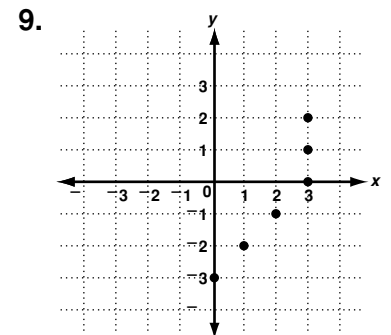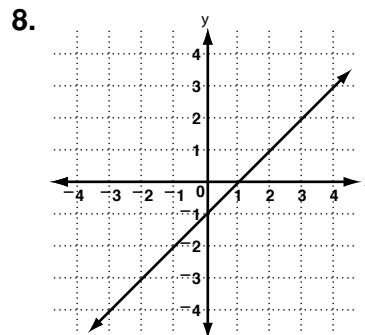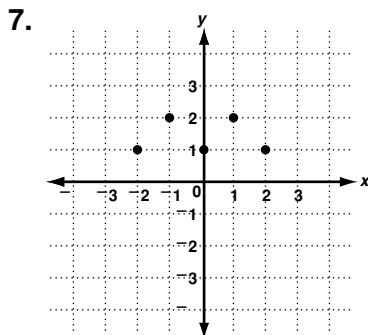**Range: {1, −2}**

Is each relation a function? Write *yes* or *no*.

5. $\{(2, 3), (5, 4), (0, 3), (4, 1)\}$

6.

_____   _____

Is each relation a function? Use the vertical-line test.
Write *yes* or *no*.

7.

8.

9.

_____   _____   _____

Holt Algebra 2

Name _____ Date _____ Class _____

Practice A
Relations and Functions

Complete each sentence to make a true statement.
The first one has been done for you.

1. The domain of a relation corresponds to the _____**x**_____-values in the ordered pairs.

2. The range of a relation corresponds to the _____**y**_____-values in the ordered pairs.

Give the domain and range for each relation.

3.

Daily CD Sales	
Day	**CDs Sold**
Mon	287
Tue	395
Wed	128
Thu	326
Fri	649

Domain: {Mon, Tue, Wed, Thu, Fri};
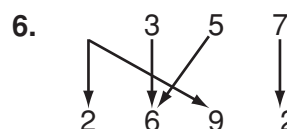
Range: {287, 395, 128, 326, 649}

4.

Domain: {−2, −1, 0, 1};

Range: {1, −2}

Is each relation a function? Write *yes* or *no*.

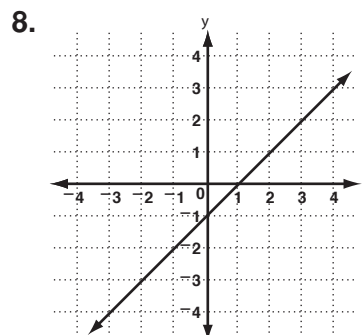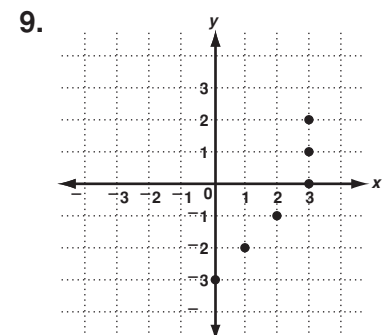**5.** $\{(2, 3), (5, 4), (0, 3), (4, 1)\}$

Yes

6.

No

Is each relation a function? Use the vertical-line test.
Write *yes* or *no*.

7.

yes

8.

yes

9.

no