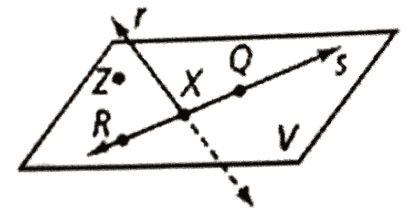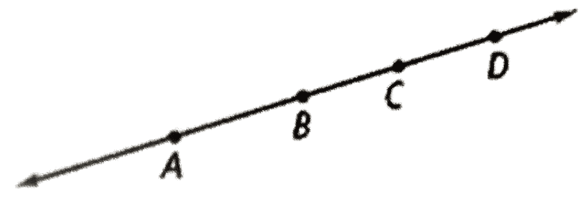**1.** What are two other ways to name $\overleftrightarrow{QX}$?

2. What are two other ways to name plane V?

3. Name three collinear points.
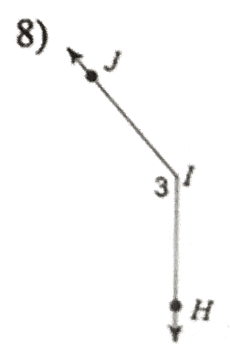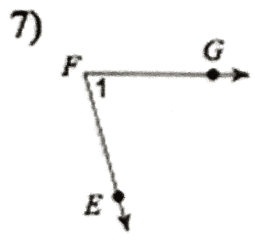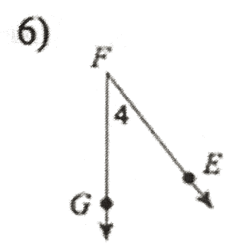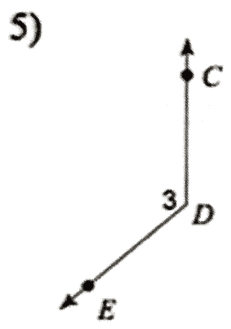
4. Name four coplanar points.

Use the figure at the right for Exercises 5–7.

  5. Name six segments in the figure.
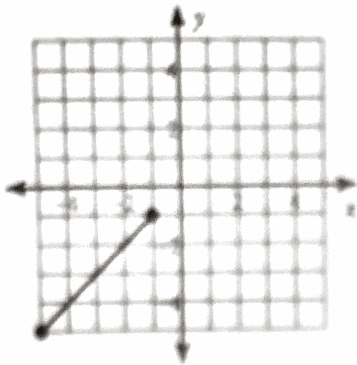
6. Name the rays that have B as an endpoint.

Name each angle in four ways.
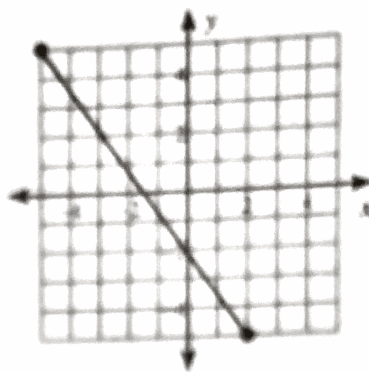
5)

6)

7)

8)

Draw and label an angle to fit each description

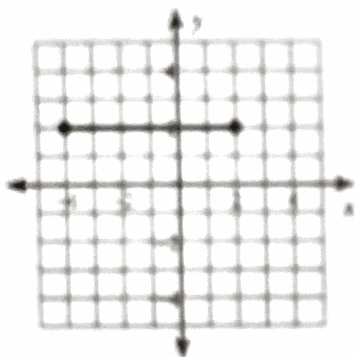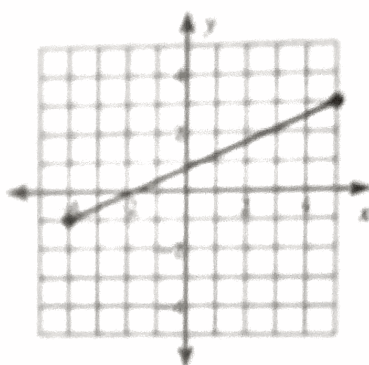**Find the midpoint of each line segment.**

1)

2)

3)

4)

Find the midpoint of the line segment with the given endpoints.

9) $(-4, 4)$, $(5, -1)$

10) $(-1, -6)$, $(-6, 5)$

11) $(2, 4)$, $(1, -3)$

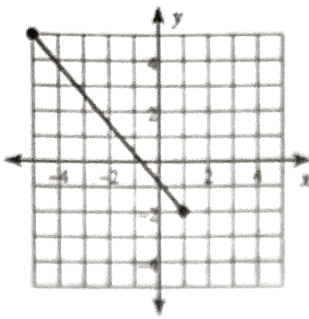12) $(-4, 4)$, $(-2, 2)$

13) $(5, 2)$, $(-4, -3)$

14) $(-1, 1)$, $(5, -5)$
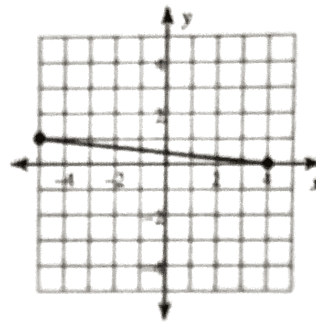
15) $(2, -1)$, $(-6, 0)$

16) $(-3.1, -2.8)$, $(-4.92, -3.3)$

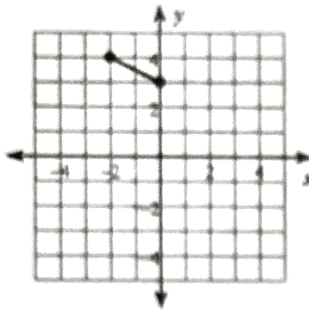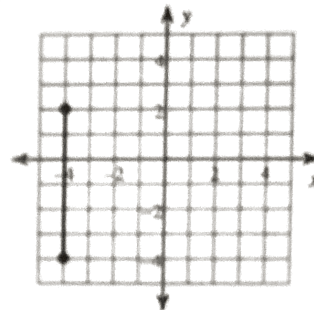**Find the distance between each pair of points. Round your answer to the nearest tenth, if necessary**

1)

2)

3)

4)

Find the distance between each set of points.

7) $(-2, 3)$, $(-7, -7)$

8) $(2, -9)$, $(-1, 4)$

9) $(5, 9)$, $(-7, -7)$

10) $(8, 5)$, $(-1, 3)$

Basics of Geometry Tutoring

1. What are two other ways to name $\overleftrightarrow{QX}$? line s, $\overleftrightarrow{RX}$, $\overleftrightarrow{XR}$, $\overleftrightarrow{XQ}$
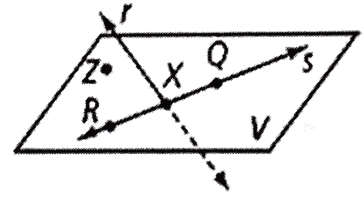
2. What are two other ways to name plane V? plane ZRX
plane XQV

3. Name three collinear points.
R, X , & Q

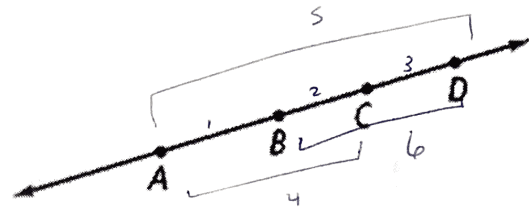**4.** Name four coplanar points. Z, R, X, Q

Use the figure at the right for Exercises 5–7.

5. Name six segments in the figure.
$\overline{AB}$, $\overline{BC}$, $\overline{CD}$
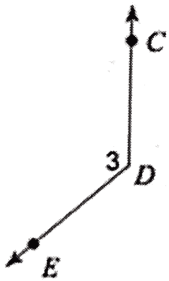$\overline{AC}$, $\overline{AD}$, $\overline{BD}$

6. Name the rays that have B as an endpoint.
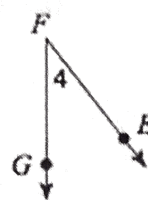$\overrightarrow{BC}$, $\overrightarrow{BA}$

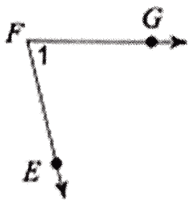## Name each angle in four ways.

5)

$\angle 3$
$\angle CDE$
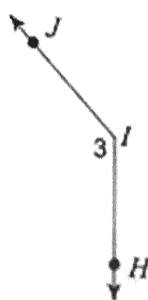$\angle EDC$
$\angle D$

6)

$\angle 4$
$\angle GFE$
$\angle EFG$
$\angle F$

7)

$\angle 1$
$\angle GFE$
$\angle EFG$
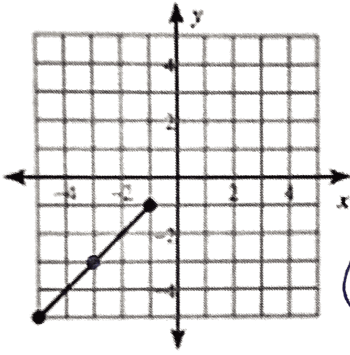$\angle F$

8)

$\angle JIH$
$\angle HIJ$
$\angle 3$
$\angle I$

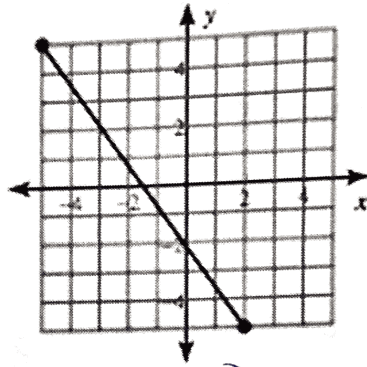Draw and label an angle to fit each description.
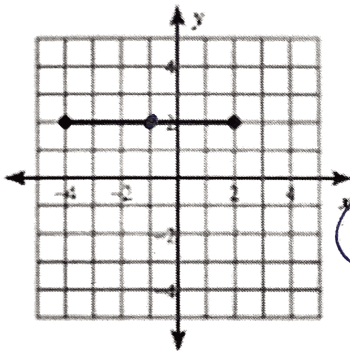
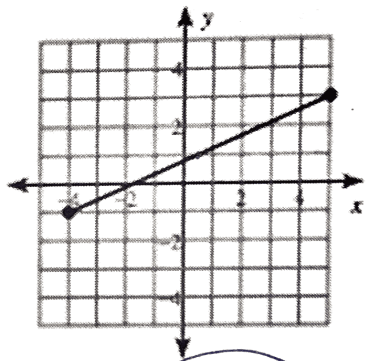**Find the midpoint of each line segment.**

1)

$(-3, -3)$

2)

$(2, -5) (-5, 5)$
$(-1.5, 0)$

3)

$(-1, 2)$

4)

$(\frac{1}{2}, 1)$

Find the midpoint of the line segment with the given endpoints.

9) $(-4, 4), (5, -1)$

$(\frac{1}{2}, 1.5)$

10) $(-1, -6), (-6, 5)$

$(-3.5, -0.5)$

11) $(2, 4), (1, -3)$

$(1.5, 0.5)$

12) $(-4, 4), (-2, 2)$

$(-3, 3)$

13) $(5, 2), (-4, -3)$ $(0.5, -0.5)$

14) $(-1, 1), (5, -5)$

$(2, -2)$

15) $(2, -1), (-6, 0)$ $(-2, -\frac{1}{2})$
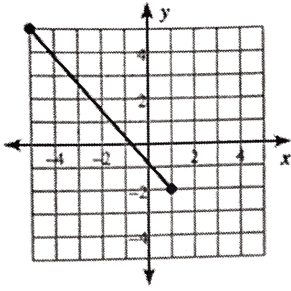
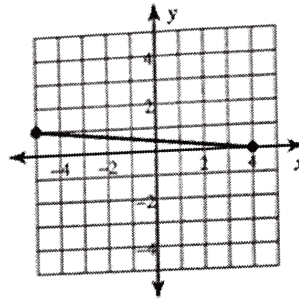16) $(-3.1, -2.8), (-4.92, -3.3)$

$(-4.01, -3.05)$

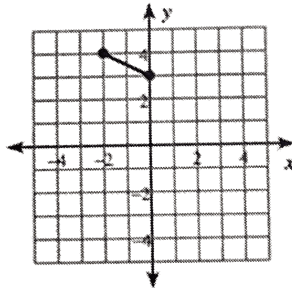**Find the distance between each pair of points. Round your answer to the nearest tenth, if necessary.**
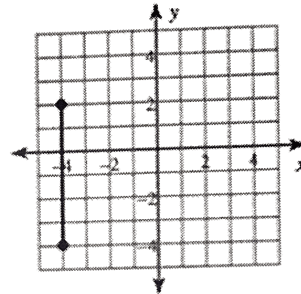
1)

9.2

2)

9.1

3)

2,2

4)

6

Find the distance between each set of points.

7) $(-2, 3)$, $(-7, -7)$

11.2

8) $(2, -9)$, $(-1, 4)$

13.3

9) $(5, 9)$, $(-7, -7)$

20

10) $(8, 5)$, $(-1, 3)$

9.2