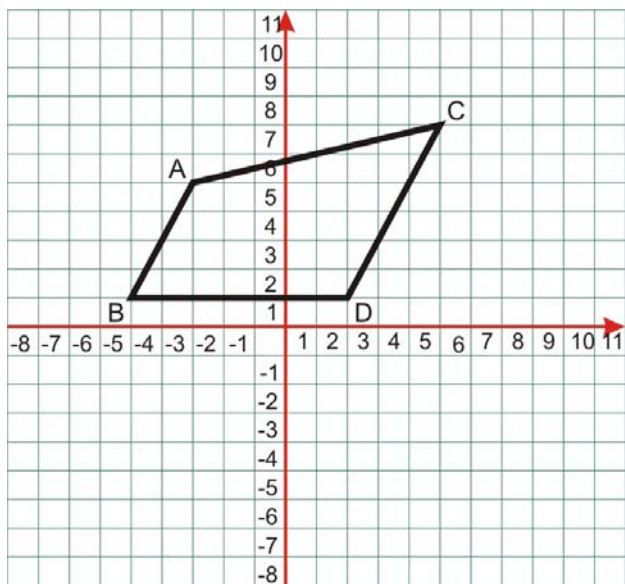


Name: \_\_\_\_\_

Date \_\_\_\_\_

Topic : Distance Formula - Worksheet 1

1. Find the length of the line segment whose endpoints are  $(-8,7)$  and  $(6,4)$ .
2. Find the distance between the points  $(3,5)$  and  $(12,2)$ .
3. The point  $(-3,-6)$  lies on a circle. What is the length of the radius of this circle if the center is located at  $(9,-2)$ ?



4. Find the distance AC
5. Find the Slope AC
6. Find the distance AB
7. Find the distance BD
8. Find the Slope AD
9. Find the Slope DC
10. Find the distance BC



Name: \_\_\_\_\_

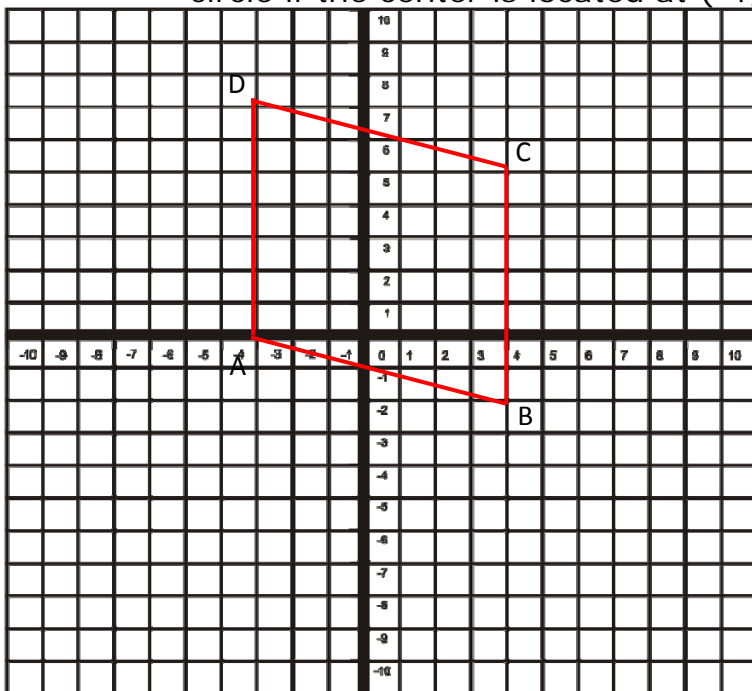
Date \_\_\_\_\_

Topic : Distance Formula - Worksheet 2

1. Find the length of the line segment whose endpoints are  $(6,-2)$  and  $(9,1)$ .

2. Find the distance between the points  $(4,-8)$  and  $(7,-10)$ .

3. The point  $(11,-6)$  lies on a circle. What is the length of the radius of this circle if the center is located at  $(-4,-3)$ ?



4. Find the distance AD

5. Find the Slope DC

6. Find the distance AB

7. Find the distance BD

8. Find the Slope AD

9. Find the distance DC

10. Find the distance BC



Name: \_\_\_\_\_

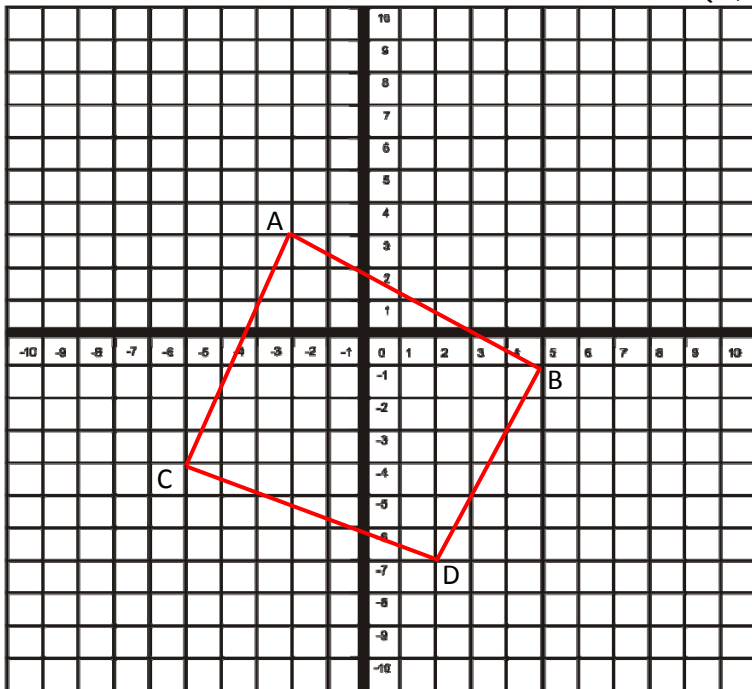
Date \_\_\_\_\_

Topic : Distance Formula - Worksheet 3

1. Find the length of the line segment whose endpoints are  $(3,8)$  and  $(11,-7)$ .

2. Find the distance between the points  $(6,2)$  and  $(-3,15)$ .

3. The point  $(10,-5)$  lies on a circle. What is the length of the radius of this circle if the center is located at  $(6,4)$ ?



4. Find the distance AD

5. Find the Slope AB

6. Find the distance BD

7. Find the distance BC

8. Find the Slope DC

9. Find the Slope AC

10. Find the distance CD

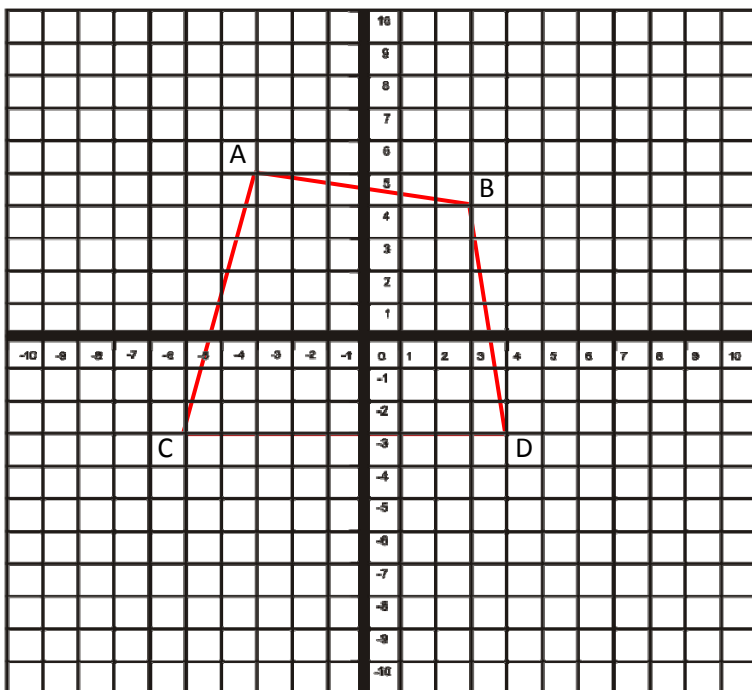


Name: \_\_\_\_\_

Date \_\_\_\_\_

Topic : Distance Formula - Worksheet 4

1. Find the length of the line segment whose endpoints are  $(-9,2)$  and  $(8,-4)$ .
2. Find the distance between the points  $(3,-8)$  and  $(12,-8)$ .
3. The point  $(7,-2)$  lies on a circle. What is the length of the radius of this circle if the center is located at  $(13,-3)$ ?



4. Find the distance BC
5. Find the Slope AD
6. Find the distance AC
7. Find the distance CD
8. Find the distance DC
9. Find the Slope AB
10. Find the distance BD

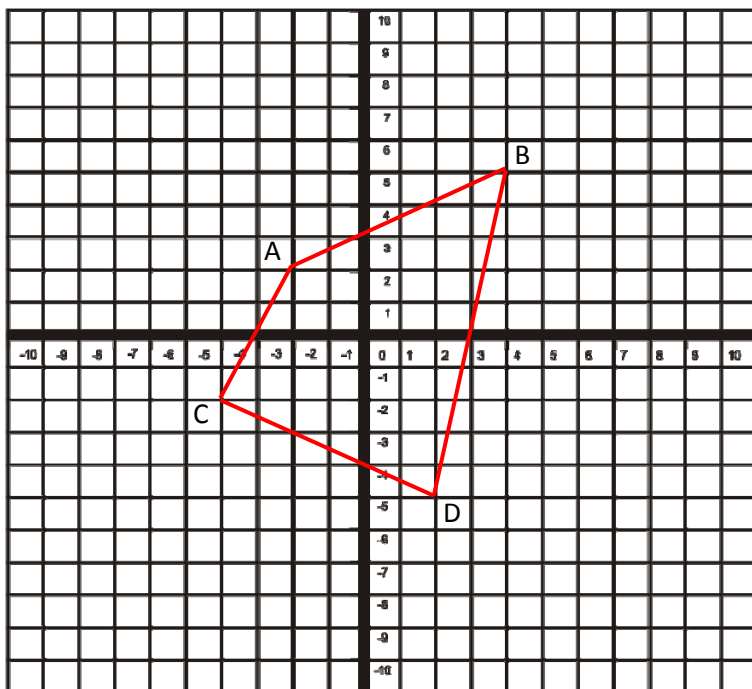


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Topic : Distance Formula - Worksheet 5

1. Find the length of the line segment whose endpoints are  $(10,-6)$  and  $(2,11)$ .
2. Find the distance between the points  $(-9,2)$  and  $(-11,5)$ .
3. The point  $(-3,3)$  lies on a circle. What is the length of the radius of this circle if the center is located at  $(10,6)$ ?



4. Find the distance AB
5. Find the Slope BD
6. Find the distance DC
7. Find the distance CA
8. Find the Slope AC
9. Find the Slope CD
10. Find the distance AD

