

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

## 9-7 Distance Formula\_hw

Use **DISTANCE FORMULA** to find distance between each pair of points. Round your answer to the nearest tenth, if necessary.

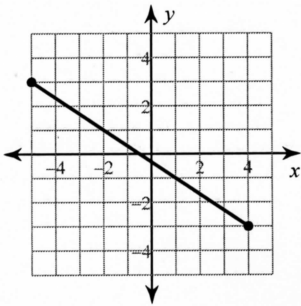
1)  $(-5, 8), (-4, 7)$

2)  $(-1, 4), (-7, 6)$

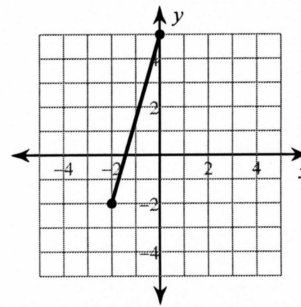
3)  $(2, 8), (-2, 5)$

4)  $(5, -5), (-4, 5)$

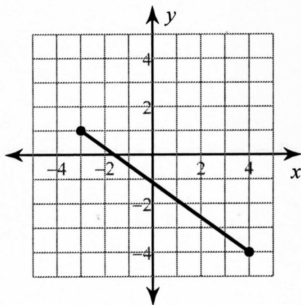
5)



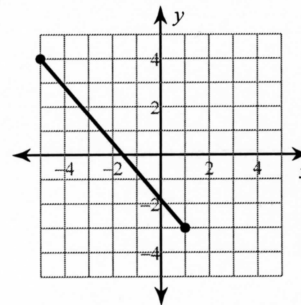
6)



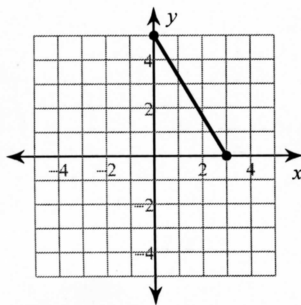
7)



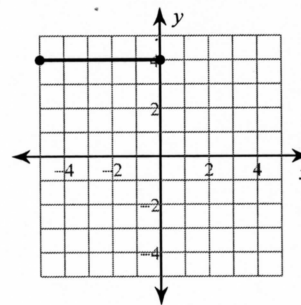
8)



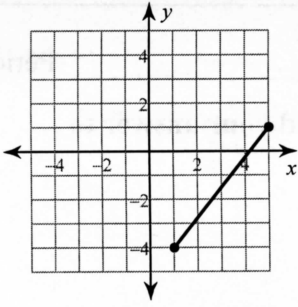
9)



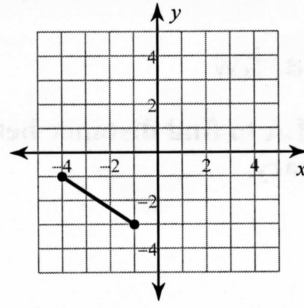
10)



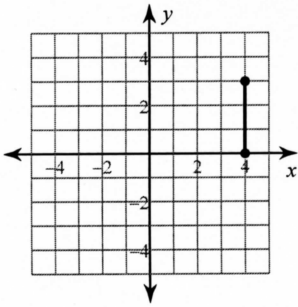
11)



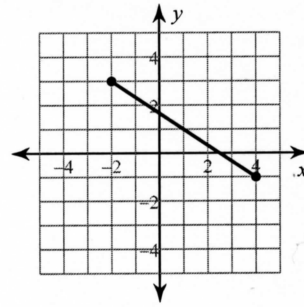
12)



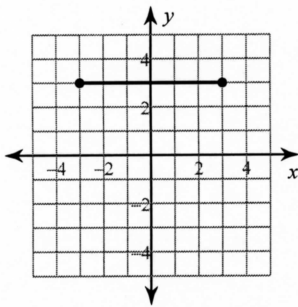
13)



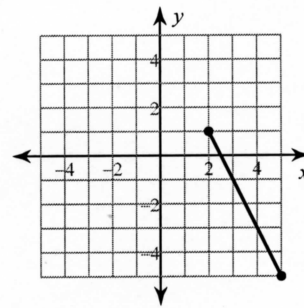
14)



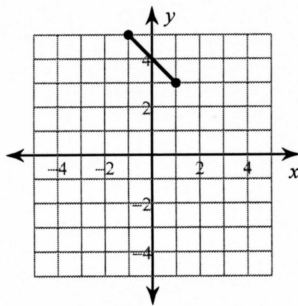
15)



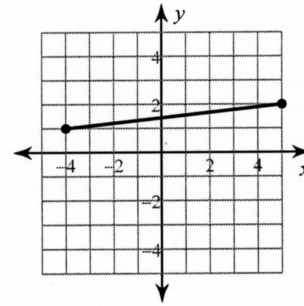
16)



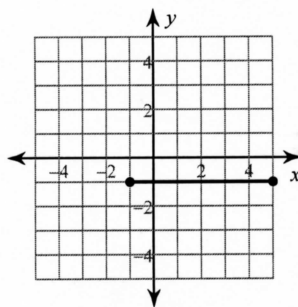
17)



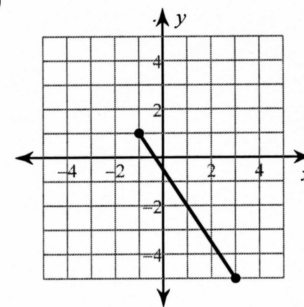
18)



19)



20)



Answers to 9-7 Distance Formula\_hw

- 1) 1.4
- 2) 6.3
- 3) 5
- 4) 13.5
- 5) 10.8
- 6) 7.3
- 7) 8.6
- 8) 9.2
- 9) 5.8
- 10) 5
- 11) 6.4
- 12) 3.6
- 13) 3
- 14) 7.2
- 15) 6
- 16) 6
- 17) 2.8
- 18) 9.1
- 19) 6
- 20) 7.2