

## Lesson 9 Extra Credit

Find the distance between each pair of points.

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

- A)  $\sqrt{181}$       B)  $\sqrt{13}$   
 C)  $\sqrt{19}$       D)  $\sqrt{85}$

2)  $(8, -1), (6, -6)$

- A)  $7\sqrt{3}$       B)  $\sqrt{21}$   
 C)  $\sqrt{29}$       D)  $\sqrt{7}$

3)  $(-5, 4), (3, -7)$

- A)  $\sqrt{185}$       B)  $\sqrt{19}$   
 C)  $\sqrt{13}$       D)  $\sqrt{205}$

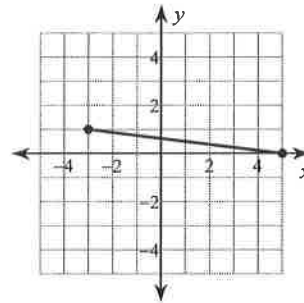
4)  $(1, 3), (6, 1)$

- A)  $\sqrt{33}$       B)  $\sqrt{29}$   
 C)  $\sqrt{65}$       D)  $\sqrt{7}$

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

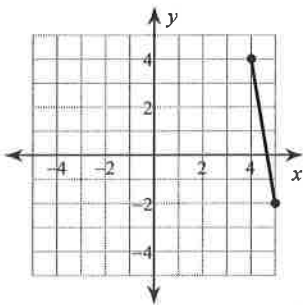
- A)  $\sqrt{85}$       B)  $\sqrt{17}$   
 C)  $\sqrt{5}$       D)  $\sqrt{157}$

6)



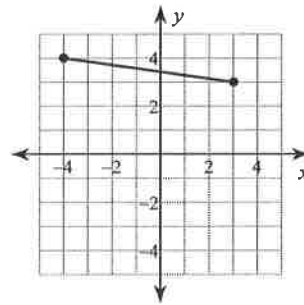
- A)  $2\sqrt{5}$       B)  $\sqrt{65}$   
 C) 3      D)  $\sqrt{3}$

7)



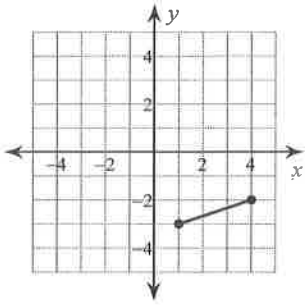
- A)  $\sqrt{77}$       B)  $\sqrt{37}$   
 C)  $\sqrt{7}$       D)  $\sqrt{85}$

8)



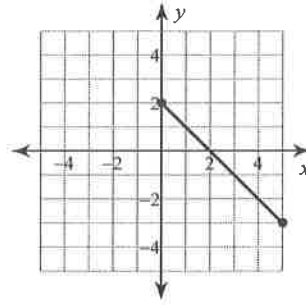
- A)  $2\sqrt{2}$       B)  $\sqrt{74}$   
 C)  $5\sqrt{2}$       D)  $\sqrt{10}$

9)



- A)  $5\sqrt{2}$       B) 2  
 C)  $\sqrt{5}$       D)  $\sqrt{10}$

10)



- A)  $5\sqrt{2}$       B)  $\sqrt{10}$   
 C)  $\sqrt{26}$       D)  $\sqrt{13}$