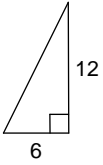


Pythagorean Theorem & Distance Formula

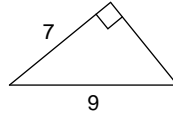
Date _____ Period ____

Find each missing length to the nearest tenth.

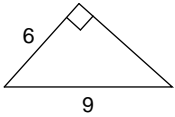
1)



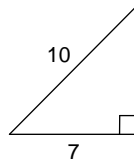
2)



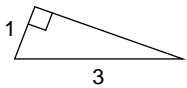
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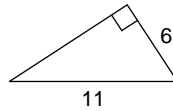
4)



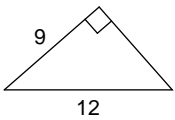
5)



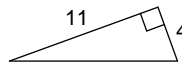
6)



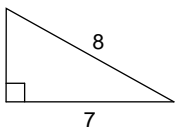
7)



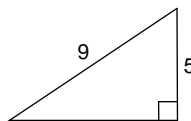
8)



9)



10)



Find the distance between each pair of points.

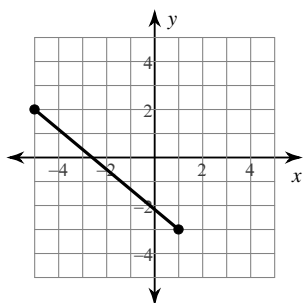
11) $(8, 5), (-1, -8)$

12) $(-5, 4), (7, 7)$

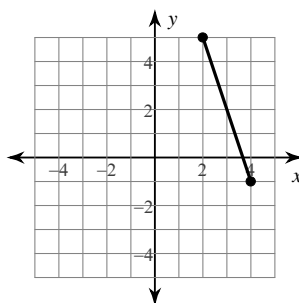
13) $(5, 1), (-5, 7)$

14) $(-5, 5), (7, -5)$

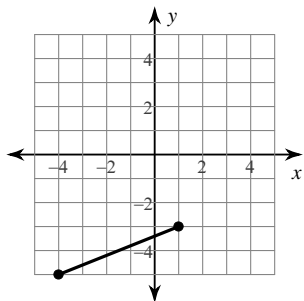
15)



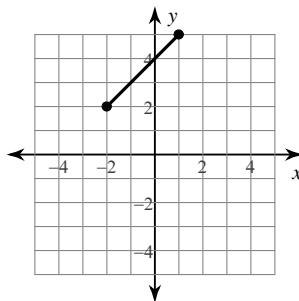
16)



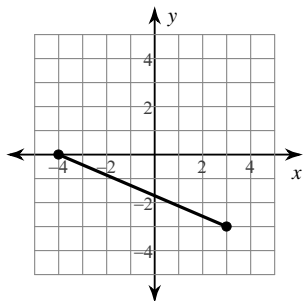
17)



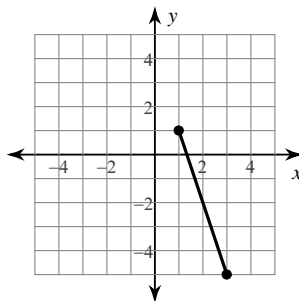
18)



19)



20)



Answers to Pythagorean Theorem & Distance Formula (ID: 1)

1) 13.4

5) 2.8

9) 3.9

13) $2\sqrt{34}$

17) $\sqrt{29}$

2) 5.7

6) 9.2

10) 7.5

14) $2\sqrt{61}$

18) $3\sqrt{2}$

3) 6.7

7) 7.9

11) $5\sqrt{10}$

15) $\sqrt{61}$

19) $\sqrt{58}$

4) 7.1

8) 11.7

12) $3\sqrt{17}$

16) $2\sqrt{10}$

20) $2\sqrt{10}$