

Assignment

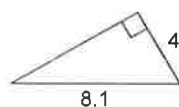
Date _____ Period _____

Find each missing length to the nearest tenth.

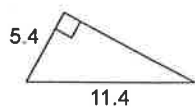
1)



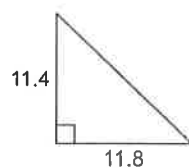
2)



3)



4)



Find the distance between each pair of points.

5) $(5, 0)$, $(2, 8)$

6) $(-8, 3)$, $(-3, -1)$

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

7) $(1, 10)$, $(5, 6)$

8) $(6, -10)$, $(8, -1)$

Name _____

	Rational or Irrational?	Fraction?
1) 0.8	Rational	$\frac{8}{10}$ or $\frac{4}{5}$
2) $-\frac{3}{10}$		
3) $\sqrt{40}$		
4) $\sqrt{81}$		
5) $2\frac{1}{3}$		
6) 0.35		
7) 0.33333 ...		
8) -9		
9) 3.4		
10) $\sqrt{2}$		

Simplify the following.

11. $\sqrt{45}$

12. $\sqrt{150}$

13. $\sqrt{500}$

14. $\sqrt{25x^2y^3}$