Trig Chapter 4 Practice Test 2

Name			
In 1	-3, find the slope, dist	ance, and midpoint between	the two given points.
1.	(1, 4) and (-1, 8)		
	Slope =	Distance =	Midpoint =
2.	(1, -5) and (5, -1)		
	Slope =	Distance =	Midpoint =
3.	(2, n) and $(4, n + 6)$)	
	Slope =	Distance =	Midpoint =
	4.	Find the equation of the line, in slope intercept form, that goes through the point (8, 4) and has a slope of -1.	
	5.	Find the equation of the line, in slope intercept form, that goes through the point (-8, 2) and has a slope of $\frac{1}{2}$.	
	6.	Find the equation of the line, in slope intercept form, that goes through the point $(1, 7)$ and $(3, 27)$	
	7.	Find the equation of the line, in slope intercept form, that goes through the point $(2, -1)$ and $(3, -9)$.	
	8.	Give the equation of the line in standard form that is parallel to $y = 3x + 22$ and passes through the point (4, 5).	
	9.	Give the equation of the line in standard form that is parallel to $12x + 2y = 8$ and passes through the point (-1, 2).	
	10	Give the equation of the lin to $y = -4x - 5$ and passes th	e in standard form that is perpendicular rough the point (-8, 2).
	11	. Give the equation of the lin to $2x - 10y = 10$ and passes	e in standard form that is perpendicular through the point $(3, 3)$.

Calculate the following.