Trig Chapter 4 Practice Test 2

Name _					
In 1-4,	find the slope, dista	nce, and midpoint between the two	o given points.		
1.	(5, 0) and (8, 6)				
	Slope =	Distance =	Midpoint =		
2.	(1, 4) and (-1, 8)				
	Slope =	Distance =	Midpoint =		
3.	(1, -5) and (5, -1)				
	Slope =	Distance =	Midpoint =		
4.	(2, n) and (4, n + 6)				
	Slope =	Distance =	Midpoint =		
	5.	Give the equation of the line, in slope intercept form, that goes through the point $(8, 4)$ and has a slope of -1.			
	6.	Give the equation of the line, in slot that goes through the point (-8, 2)	1 1 1		
	7.	Give the equation of the line, in slope intercept form, that goes through the point $(1, 7)$ and $(3, 27)$			
	8.	Give the equation of the line, in slope intercept form, that goes through the point $(2, -1)$ and $(3, -9)$.			
	9.	Give the equation of the line, in slot that is parallel to $y = 6x - 1$ and go			
	10.	Give the equation of the line, in slo through (2, 8) and is perpendicular			

In 11-14, convert the following into standard form.

11.	y = 8x - 2		_ 12.	$y = \frac{1}{4}x - 6$
13.	$y = -\frac{3}{4}x - \frac{1}{3}$		_ 14.	$\frac{2}{5}y + \frac{2}{3}x = \frac{1}{2}$
15.	Give the equation of the line, in standard form , that is parallel to $y = 3x + 22$ and passes through the point (4, 5).			
16.	-	we the equation of the line, in standard form , that is parallel to $x + 2y = 8$ and passes through the point (-1, 2).		
17.	_	of the line, in standard form , that is perpendicular basses through the point (-8, 2).		
18.	-	he line, in standard for passes through the point		

Calculate the following.

