Evaluate, use a calculator.

(7.) csc 52 = 1.269	use calculator
(8.) cot $80 = 0.1763$	use calculator
(9.) sec $40 = 1.3054$	use calculator
(10.) cot $10 = 5.671$	use calculator
(11.) sec $73 = 3.4203$	use calculator
(12.) csc $15 = 3.8637$	use calculator
(13.) cot $110 = -0.36397$	use calculator
(14.) sec $245 = -2.3662$	use calculator
(15.) csc 340 = -2.9238	use calculator

Evaluate the six trig functions given the terminal point.

(23.) P(-24,7)

(i.)	$a^2 + b^2 = c^2$	use the pythagorean theorem
(-	$(-24)^2 + (7)^2 = c^2$	make substitutions
	$576 + 49 = c^2$	multiply
	$c^2 = 625$	combine like terms
	c = 25	take square roots
(ii.)	$\sin P = 7/25$	
	$\cos P = -24/25$	
	$\tan P = -7/24$	
	csc P = 25/7	

sec $P = -25/24$		
$\cot P = -2$	4/7	
(24.) P(4,-5)	here is the problem	
(i.) $a^2 + b^2 = c^2$	use the pythagorean theorem	
$(4)^{2} + (-5)^{2} = 0$	c ² make substitutions	
$16 + 25 = c^2$	multiply	
$c^{2} = 41$	combine like terms	
$c = \sqrt{41}$	take square roots	
(ii.) $\sin P = -5/v$	41	
$\cos P = 4/\sqrt{4}$	1	
$\tan P = -5/4$		
csc P = $\sqrt{41}$	/5	
sec P = $\sqrt{41}$	/4	
$\cot P = -4/$	5	
(25.) (-5, -12)	here is the problem	
(i.) $a^2 + b^2 = c^2$	use the pythagorean theorem	
$(-5)^2 + (-12)^2 =$	= c ² make substitutions	
25 + 144 = c	² multiply	
$c^2 = 169$	combine like terms	
c = 13	take square roots	

(ii.)	$\sin P = -12/13$	
	$\cos P = -5/13$	
	$\tan P = 12/5$	
	csc P = -13/12	
	sec $P = -13/5$	
	$\cot P = 12/5$	
(26.)	P(4,0)	
(27.)	P(√3, -1)	
Fin	d angle A:	
(28.)	sec A = 1.236	here is the problem
	$\cos A = 0.80906$	take reciprocals
	A = 36	take the arccos of each side
(29.)	$\cot A = 1.8165$	here is the problem
	tan A = 0.5505	take reciprocals
	A = 28.8	take the arctan of each side
(30.)	$\cot A = 3.9617$	here is the problem
	tan A = 0.2524	take reciprocals
	A = 14	take the arctan of each side
(31.)	csc A = 5.575	here is the problem
	sin A = 0.1793	take reciprocals
	A = 10.3	take the arcsin of each side

(32.)	sec $A = 1.187$	here is the problem
	$\cos A = 0.84246$	take reciprocals
	A = 32.6	take the arccos of each side
(33.)	csc A = 1.122	here is the problem
	sin A = 0.8912	take reciprocals
	A = 63	take the arcsin of each side