TRIGONOMETRY WORD PROBLE	
Find the missing angle in each triangle below!	MS
You are in a hot air balloon that is 600 feet above the ground where you can see your friend. If the from your line of sight to your friend is 20°, how far is he from the 600 ft point on the ground beloair balloon?	
The angle from the tee box to the green is 10° on a par 3, 185 yard hole as shown. How much hig tee box than the green? Round to the nearest yard	her is the
You are designing a ramp where the horizontal distance is twice the vertical rise. What will be the angle to the nearest tenth of a degree?	ramp
The length of one ramp is 16 feet. The vertical rise is 14 inches. Estimate the ramp's horizontal dis its ramp angle. Does this ram meet the Uniform Federal Accessibility Standards?	tance and
You want to build a ramp with a vertical rise of 6 inches. You want to minimize the horizontal distribution by the ramp but still meet the Uniform Federal Accessibility Standards. Draw a sketch showing approximate dimensions of your ramp.	