







7. A 12 foot long ladder is placed up against a wall. The bottom of the ladder makes a 65° angle with the ground. How far from the wall is the bottom of the ladder?

8. You fly a kite on a 200 foot long string. When the string is taut it makes a 52° angle with the ground. How high is the kite? 9. You are at the bottom of an pit. The pit is 10 feet wide. If you stand against the wall on one side and look up at a 73° angle at the other side you see your friend. How deep is the pit? x = 32.71 ft