Name Date	
RIGHT TRIANGLE TRIGONOMETRY	
1. The angle from the base to the top of a water slide is 13 degrees. The s horizontally for 58.2 meters. To the nearest tenth of a meter, what is the water slide?	
2. A ski slope at a mountain has an angle of elevation of 25.2 degrees. The height of the slope is 1808 feet. To the nearest foot, how long is the ski	
3. From the top of a lighthouse 160 feet above sea level, the angle of dep boat at sea is 25 degrees. To the nearest foot, what is the horizontal dis boat to the base of the lighthouse?	
4. A ladder rests against a wall. The top of the ladder reaches 15 feet up makes an angle of 53 degrees with the wall. To the nearest tenth of a fithe ladder?	
5. A man on a 135-foot vertical cliff looks down at an angle of 16 degrees bicycle. To the nearest foot, how far away is the man from his bike, and bike from the base of the cliff?	