

# Physics Interactive Quiz :

Name: \_\_\_\_\_

#	7	question	Answer			0 <--score
# 1	140	meters is the height of a cliff. How long would a ball take to fall from this cliff?	5.345	100	0	
# 2	140	what would be the final velocity of the ball?	52.38	100	0	
# 3	14	m/s is the velocity the same ball was then kicked straight off of the cliff. How far from the base of the cliff would it land?	74.83	100	0	
# 4	14	How long would it take to fall?	5.345	100	0	
# 5	280	m/s is the muzzle velocity of a cannon that shoots at 30 degrees. Find the landing angle	30	100	0	
# 6	280	find the range	6928	100	0	
# 7	280	find the landing speed	280	100	0	
# 8	560	m/s is the velocity of the tailwind on a jet flying from Tokyo to Kona. If the jet speed is normally 200 m/s, find the true airspeed	760	100	0	
# 9	7	m/s is the velocity of a stream a swimmer swims across at 2 m/s. How fast will she see rocks below her moving by?	7.28	100	0	
# 10	7	what angle will this create?	74.05	100	0	

**Extra Credit: In your lab, the spacing of the balls in the videos increased then decreased. Explain why...**