

EXP 9.5

inertia pt^2

RYAN

materials quarter post card, cup

H: demonstrate an object that stays still
until acted upon

C. Pull the post card away and the quarter
will stay still and will fall into the cup

Ryan

EXP 9.3 measuring height with a stopwatch

H: How do you measure height without a long enough ruler

32 ft per sec²

Stopwatch
measures

1.75

1.16

.81

.83

1.10

1.16

.85

.96

1.00

1.60

9.62

9.62
10 | 9.62
-90
 62

62

-60

20

32 ft per sec² = 1962

$$d = \frac{1}{2}(a)t^2$$

14.64

Ryan

EXP 9.2

Ryan

H. lighter things fall slower

PH the paper was lighter and had more air resistance.

the scrunched up paper landed the same because it had less air resistance

PH

C. things with less air resistance fall faster

LAD 9.4 inertia Pt 1

Materials: Checkers and a hand and an eye ball

H: it will demonstrate an object will rest unless it is disturbed

EXP/Lab. 1

After
d d
Ryan

H: The difference between speed and velocity

Place pin and two paper slides

part 1 Speed of the eggs was the same
(and) directions is the same because of
this there was no damage to the eggs

Part 2 Set one egg in front of slide
and let the other egg slide into each other
speed and direction were different
While one egg was moving and one was standing.
When they collided the stationary egg
had damage

part 3 speed was the same, but their
direction was different

C: speed and direction matter a lot
speed and direction change velocity