

STUDY GUIDE

16 7.84 Feet is altitude

17 It would be the opposite direction.

A physical measurement that

contains directional information

A physical measurement that

does not contain directional information

the time rate of change of an object's

velocity

The motion of an object when it is

followed solely under the influence of gravity

not to that reference point

14.2 from a specific reference point

Child = motion w/ dir, girl = motion w/ dir, 5 girl

no motion w/ dir

2 mph (miles per hour)

2 mph (miles per second) (rounded)

A. scalar B. vector C. scalar D. scalar

E. vector F. scalar

Relative velocity 15 mph

0 is the acceleration

6 mph acceleration (miles per second)

11 120 mph

because of a resistance

It can sometimes be found on small objects

They will both hit at the same time

85 meters