

3 A student throws a stone upwards at an initial speed of 15.0 m s^{-1} .

What is the displacement of the stone after 2.00 s?

A

1.12 m

B

10.4 m

C

11.5 m

D

12.6 m

4 A student pulls a 2.0 kg crate with a force of 9.0 N directed at an angle 15° from the horizontal as shown.