

P12

VECTOR AND KINEMATICS TEST – LEVEL 4

Name: _____

Date: _____

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1. Find the initial velocity of a projectile that was launched at 28° and covered 15.2 m of horizontal distance. Clearly state your assumptions.

Please turn the page.

2. A 12.0 kg object was thrown at 32 m/s at an angle of 56° . Find its final velocity given that its range was 36 m. Clearly state the object's change in displacement.