Catapult Quiz Answers

1. The term “projectile” means \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

(a) an object that is launched or thrown, usually in the air, by a force

(b) A ping pong ball

(c) a small catapult

(d) an object that orbits around the earth

TeachEngineering.org – Free STEM Curriculum for K-12

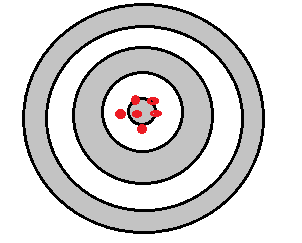
2. The strongest and most sturdy polygon to use in constructing a base for a catapult is a \_\_\_\_\_\_\_\_\_\_\_\_.

(a) square

(b) quadrilateral

(c) triangle

(d) rhombus



3. The picture on the right is an example of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

(a) accuracy AND precision

(b) accuracy but NOT precision

(c) precision but NOT accuracy

(d) NEITHER precision NOR accuracy

4. In order for a projectile to travel the furthest distance possible, what angle should it be launched from?

(a) 30°

(b) 45°

(c) 60°

(d) 90°

5. Engineers design and create things that can

(a) save peoples’ lives

(b) help people communicate and learn

(c) make peoples’ lives more fun and enjoyable

(d) all of the above