

Name _____

Precision vs. Accuracy

Work for five minutes with several other students answering these questions. When you are finished, there will be a whole class discussion to reveal the correct answers.

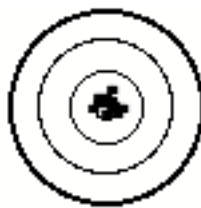
1. The diagrams (A)-(D) below depict the patterns produced by shooting at a target.
- (a) Match these diagrams with the best description of the degree of precision and/or accuracy. Every letter (A)-(D) should be used only once.



(A)



(B)



(C)



(D)

- Precise, but not accurate: _____
Not precise, but accurate: _____
Both precise *and* accurate: _____
Neither precise nor accurate: _____
- (b) Explain what the difference is between a set of precise measurements, and a set of accurate measurements.

Now, let's see you precise and accurate you can be. You'll all try your hand at a game of darts (<http://www.familysweeps.net/darts.html>). Extra credit will be given for the most accurate and the most precise.