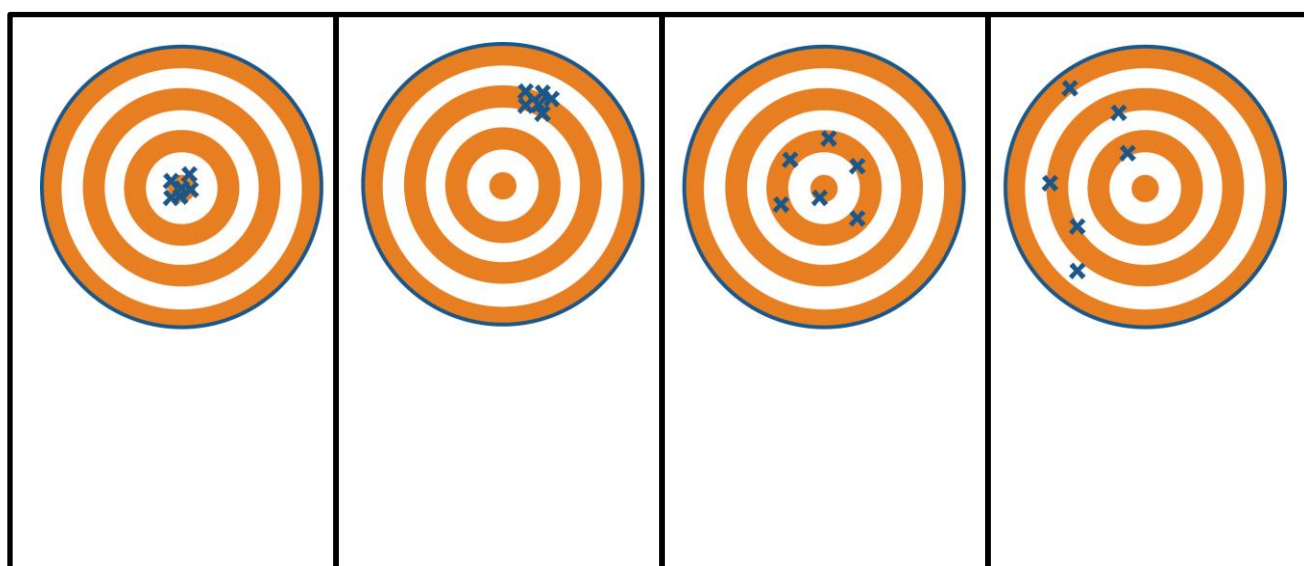




Accuracy vs. Precision

<p>Accuracy:</p>	<p>Precision:</p>
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Percentage Error:

$$\% \text{ error} = \frac{|\text{Accepted} - \text{Measured}|}{\text{Accepted}} \times 100$$

Practice Problem:

A student measures the mass and volume of a substance and calculates its density as 1.40 g/mL. The correct value of density is 1.30 g/mL. What is the percentage error of the student's measurement?