

## National Assessment of Educational Progress (NAEP) – Purposes

Performance of U.S. schools on basic mathematics and reading knowledge and skills  
Uniform measurement across states in order to facilitate comparisons  
Measurement of net change over time

## NAEP – Key Design Features

Target population  
4<sup>th</sup>, 8<sup>th</sup>, 12<sup>th</sup> graders in U.S. schools  
Multi-stage area probability sample  
~100,000 students in 2,000 schools  
Repeated cross-section survey  
Computer-based assessment in class settings

# NAEP - Questionnaire

1. Which is worth the most?

- ☐ A 12 pennies
- ☐ B 8 nickels
- ☐ C 5 dimes
- ☐ D 1 quarter

The correct answer is C.

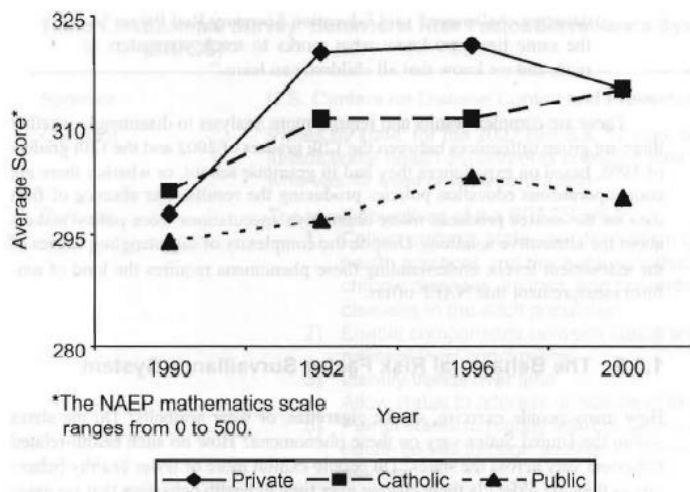
2. Which of the following is the largest unit of measurement?

- ☐ A Centiliter
- ☐ B Kiloliter
- ☐ C Liter
- ☐ D Milliliter

The correct answer is B.

© FRAUKE KREUTER @ UMD, UMA, IAB, UMICH <http://nces.ed.gov/nationsreportcard>

NAEP – Average Scale Scores on Grade 12 Mathematics Assessment, by Year by Type of School



<http://nces.ed.gov/nationsreportcard>  
© FRAUKE KREUTER @ UMD, UMA, IAB, UMICH

# NAEP – Design Issues

Assessment effects on teaching targets

Measurement of students of limited English performance and special education children

Political oversight of NAEP results