

COMMON
CORE STATE
STANDARDS
FAQ

What are the Common Core State Standards?

- English/ Language Arts
- Literacy in History/Social Science, Science, and Technical Subjects
- Mathematics - Released in June 2010 - Shifts


Solving Real－World Geometry Problems

| High School | Midale Scho | Elementary School |
| :---: | :---: | :---: |
| －G－MG． 1 －Use geometric |  |  |
| and their prope | Inders，one |  |
|  | delue | ，mes |
| men | athematical problems |  |
| Smp． 3 －Use volu | （i．a．－Solve ereal | ． |
| Has for cryle | blems invol |  |
|  | 俍e ond | ， |
|  | ditao end thee | 込 |
|  | － |  |
|  |  |  |
|  | Canguor $p$ |  |
|  |  | 为 |
|  | Sole | －Komile |
|  |  |  |

COMMON CORE STATE STANDARTDS
FAQ

What are the Common Core State Standards？
－Where did they come from？ －National Governors Association National Governors Association
（NGA）and the Council of Chief （NGA）and the Council of Chief
State School Officers（cCSSO）．
－Race to the Top funding －＂internationally benchmarked standards and assessments that prepare students for success in college and the work place．＂ －Who has adopted them？


## COMMON

 CORE STATESTANDARDS
FAQ

What are the Common Core
State Standards？
－Where did they come from？
－Who has adopted them？
－Why do we need them？
－What is the purpose of K－12 Ed？
－College readiness
－ACT National Curriculum
Survey
－Surveyed 9，937 educators．


COMMON
CORE STATE
STANDARDS

What are the Common Core State Standards？
－Where did they come from？
－Who has adopted them？
－Why do we need them？
－What is the purpose of $\mathrm{K}-12$ Ed？
－College readiness
－Carleer readiness
－Association of American
Colleges and Universities Colleges
－Survey over 300 employers and many new hires．


COMMON
CORE STATE STANDARDS FAQ

What are the Common Core State Standards？
Where did they come from？ －Who has adopted them？
－Why do we need them？
－What is the purpose of K－12 Ed？
－Standardized across the nation
－Differences in how states measure proficiency
－Resources
－Students

Standards for Mathematical Practice

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

BREAKING
DOWN THE

STANDARDS

- Domain and Conceptual

Categories

Domain and Conceptual Categories




Students in grades 3 through 8 and grade 11 will be assessed.

- Computer adaptive
- Both electronic and human scoring.
- Interim assessments
- Practice tests released on May $29^{\text {th }}$.


3

## Look at the figure.

|  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

Each square in the figure is 1 square unit.
Which equation shows the area of this figure in square units?
(4) $8+6+8+6=28$ square units
(6) $8+8+8+8+8=40$ square units
c) $6+6+6+6+6+6+6=42$ square units
6. $6+6+6+6+6+6+6+6=48$ square units

Source: https://sbacpt.tds.airast.org/student/


Source: https://sbacpt.tds.airast.org/student/


Source: https://sbacpt.tds.airast.org/student/



Source: https://sbacpt.tds.airast.org/student/


Source: https://sbacpt.tds.airast.org/student/


Source: https://sbacpt.tds.airast.org/student/

20 - P





Source: https://sbacpt.tds.airast.org/student/


Source: https://sbacpt.tds.airast.org/student/


Source: https://sbacpt.tds.airast.org/student/

SMARTER
BALANCED
BALANGED PROBLE

- Selected-response items

Technology-enhanced items
Constructed-response items - Students produce a text and/or numerical response in order to collect evidence about their knowledge or understanding.


Source: https://sbacpt.tds.airast.org/student/


Source: https://sbacpt.tds.airast.org/student/

SMARTER BALANCED PROBLEM TYPES

- Selected-response items
- Technology-enhanced items
- Constructed-response items
- Performance tasks
- Measure a student's
ability to integrate
knowledge and skills
across multiple standards.


## Performance Tasks

- Elementary School: Planting Tulips
- Middle School: Taking a Field Trip
- High School: Thermometer Crickets


Assessments: MEAP vs. Common Core

Label the point where $\frac{2}{3}$ belongs on the number line. Be as exact as possible.


Source: http://www.illustrativemathematics.org/illustrations/170



