

Solving Real-World Geometry Problems



COMMON
GORE STAT
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?
- International comparison
- Standardized across the nation
- Resources
- Students

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 does the research say?
- A World of Difference article

COMMON CORE STATE STANDARDS
FAC

What are the Common Core State Standards? Where did they come from?

- Who has adopted them?
- Why do we need them?
- What does the research say?
- What make up the Common Core State Standards?
- Practice Standards
- Content Standards

How Is It All Connected?

College
Standards for
Readiness
Career
Reathematical
Practice and
Content

Readiness
Content



## Connection to CCSS ELA

- Reading 7 - Integrate and evaluate content presented in diverse media and formats, including visually and quantitatively, as well as in words. Writing 1 - Write arguments to support claims in an analysis of substantive topics or texts using valid reasoning and relevant and sufficient evidence.
Speaking \& Listening 4 - Present information, findings, and supporting evidence such that listeners can follow the line of reasoning.


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?
a $8+6+8+6=28$ square units

- $8+8+8+8+8=40$ 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

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(b) P

Choose all the shapes that are quadrilaterals.


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| 21 - P |  |  |
| :---: | :---: | :---: |
| For questions 1-1 1d, choose Yesor No to show ifthe number 7 or No to show if the numberwill make each equation true. | *. $0 \times \square=\times$ | 0 m - |
|  | 13. $* \square \cdot \square$ | $\bigcirc 00 \%$ |
|  | ces. $\square^{\text {- , }}$ | - ve ono |
|  | 10. 5 + $\square^{\text {- }}$ | -mon |

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Responses to this item will receive $0-2$ points, based upon the following:
2 points: VNYN. The student has a solid understanding of $2 / 5$ as well as an equivalent form of $2 / 5$.
1 point: ONNN, ZYNN, BYYN. The student has only a basic understanding the student do $2 / 5$ or does understand that all 5 parts must be equal sized in figure 1 b .
points: H , YN, NYNY, ©NYN, NNNY. The student demonstrates inconsistent understanding of $2 / 5$ or answers " $Y$ " to figure 1 d , clearly showing a misunderstanding of what $2 / 5$ means. Figure 1 d is considered a disqualifier" and an answer of " $Y$ " to this part of the item would cancel out any other correct responses as "guesses" on the part of the student.
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## Performance Tasks

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

Smarter Balanced Pilot Test

- To take the SBAC pilot test, go to: https://sbacpt.tds.airast.org/student


Domain and Conceptual Categories



## Content Standards Review

- Read your course standards
- Introduction
- Overview
- Course differences
- Reference standards on
illustrativemathematics.org
- Review standards for one or more grade levels above and below


