DEPARTMENT OF EDUCATION

PAWS
Mathematics
Grade 3

Released Items
With Data

Geometry

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Portions of this work were previously published.

Printed in the United States of America.

Mathematics Released Items with Data
Introduction Page / Data Definitions

This Released Items with Data document provides a subset of items from the 2015 administration of the PAWS test. The data for an item is on the page that follows that item. The following provides definitions for the data fields on the data page.

Item Information

Title: Title of the passage/stimulus the item belongs to

2012 WyCPS Domain: The reporting category of the state content standards

2012 WyCPS Standard: State content standard

Item Code: Identification code assigned to the item

Admin: The year an item is administered

Item Type: The mode in which a student responds (MC means multiple-choice)

Correct Answer: The option letter (A, B, C, or D) that corresponds to the correct answer

Item Dok: The item's Depth of Knowledge designation, also called Cognitive Complexity;
1 - Recall and reproduction
2 - Skills and concepts
3 - Strategic and extended thinking

Total N-count: Number of students counted as taking the test in which the item appears during the listed administration (Includes item omissions)

Pvalue/Mean Score: For a multiple-choice item, the percent of students choosing the correct answer

Score Analysis

MC Row: Answer options available for students to choose from (including those who do not choose any option); an asterisk designates the correct answer

%Choosing Row: Percent of students choosing an option (or omitting)

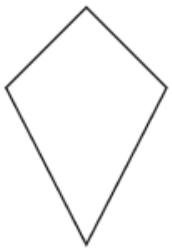
Item Notes: Area where user can make notes

00 **Which shape is NOT a quadrilateral?**

Ⓐ

Ⓑ

Ⓒ

Ⓓ 

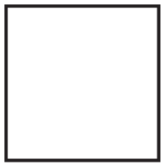
Item Information	
2012 WyCPS Domain:	Geometry
2012 WyCPS Cluster:	Reason with shapes and their attributes.
2012 WyCPS Standard:	3.G.1 Understand that shapes in different categories (e.g., rhombuses, rectangles, and others) may share attributes (e.g., having four sides), and that the shared attributes can define a larger category (e.g., quadrilaterals). Recognize rhombuses, rectangles, and squares as examples of quadrilaterals, and draw examples of quadrilaterals that do not belong to any of these subcategories.
Item Code:	VF494861

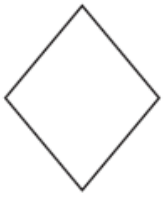
Admin:	Item Type:	Correct Answer:	Item Dok:	Total N-count:	Pvalue/Mean Score:
Spring 2013	MC	C	1	711	0.609

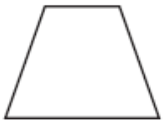
Score Analysis					
MC	**A**	**B**	**C***	**D**	**Omit**
%Choosing	6.048	5.063	60.9	27.567	0.422

00 **Which quadrilateral appears to be a parallelogram but NOT a rectangle?**

Ⓐ

Ⓑ 

Ⓒ 

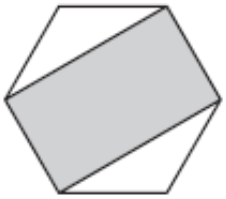
Ⓓ 

Item Information	
2012 WyCPS Domain:	Geometry
2012 WyCPS Cluster:	Reason with shapes and their attributes.
2012 WyCPS Standard:	3.G.1 Understand that shapes in different categories (e.g., rhombuses, rectangles, and others) may share attributes (e.g., having four sides), and that the shared attributes can define a larger category (e.g., quadrilaterals). Recognize rhombuses, rectangles, and squares as examples of quadrilaterals, and draw examples of quadrilaterals that do not belong to any of these subcategories.
Item Code:	VF819598

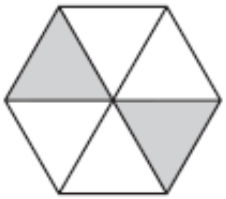
Admin:	Item Type:	Correct Answer:	Item Dok:	Total N-count:	Pvalue/Mean Score:
Spring 2014	MC	C	1	735	0.239

Score Analysis					
MC	**A**	**B**	**C***	**D**	**Omit**
%Choosing	34.286	20.816	23.946	20.68	0.272

00 Which hexagon most likely has $\frac{1}{3}$ of its area shaded?

Ⓐ 

Ⓒ

Ⓑ 

Ⓓ

Item Information	
2012 WyCPS Domain:	Geometry
2012 WyCPS Cluster:	Reason with shapes and their attributes.
2012 WyCPS Standard:	3.G.2 Partition shapes into parts with equal areas. Express the area of each part as a unit fraction of the whole. For example, partition a shape into 4 parts with equal area, and describe the area of each part as 1/4 of the area of the shape.
Item Code:	VF867176

Admin:	Item Type:	Correct Answer:	Item Dok:	Total N-count:	Pvalue/Mean Score:
Spring 2014	MC	B	1	740	0.173

Score Analysis					
MC	**A**	**B***	**C**	**D**	**Omit**
%Choosing	47.297	17.297	6.622	28.649	0.135