PAWS
Mathematics
Grade 4

Released Items
With Data

2009

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3509167

The weight in pounds of a fishing boat is shown in expanded form.

2 thousands + 4 tens + 5 ones

What is this number written in standard form?

A. 245

B. 542

C. 2,045

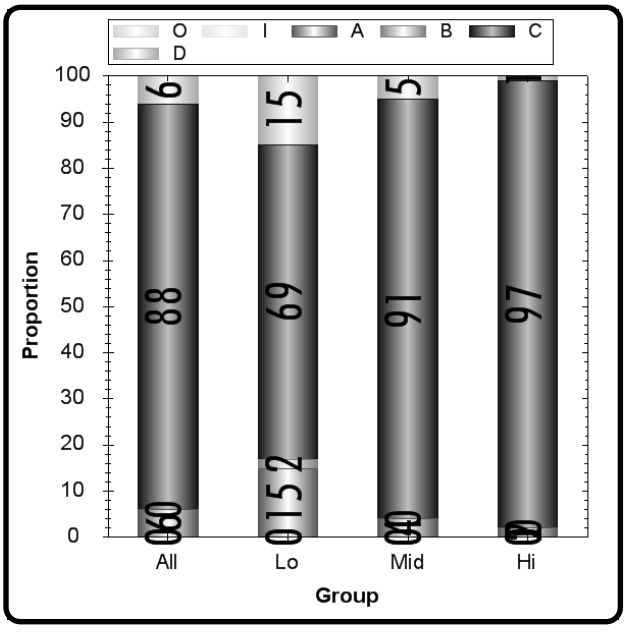
D. 2,405

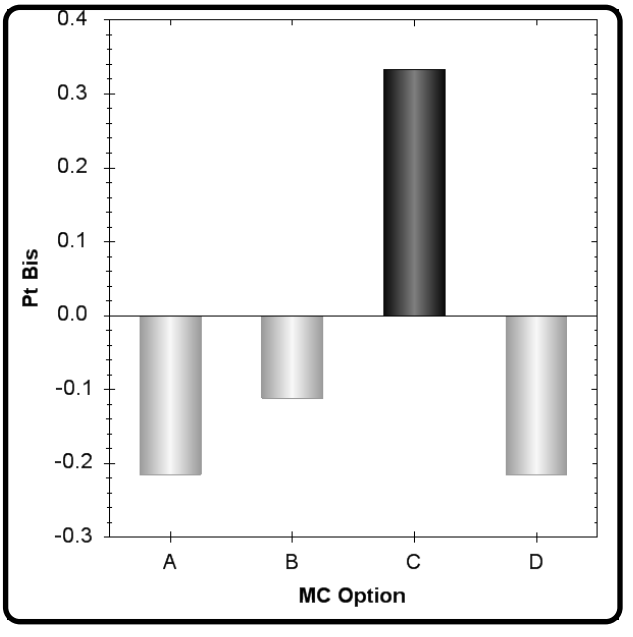
Grade 4	Math	CID 3509167
Item # 5		Administration OP09
	N2c	

Type	Max Points	Correct Answer	N Count	Item Mean	Discrimination
Multiple Choice	1	C	6517	0.878	0.333

	A	B	C	D	Omit	Invalid
All	6	0	88	6	0	0
Low Scorers	15	2	69	15	0	0
Middle Scorers	4	0	91	5	0	0
High Scorers	2	0	97	1	0	0

MC Item Option Discriminations			
A	B	C	D
-0.215	-0.112	0.333	-0.216

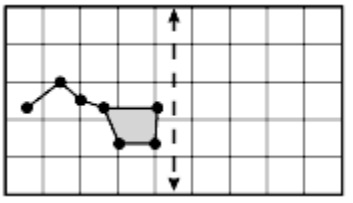




Notes:

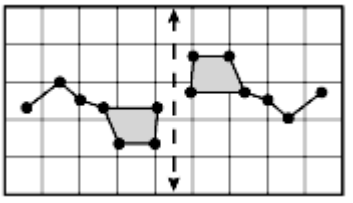
Male students may perform better on this item as compared to Female students. (B)

A figure is shown on the grid.

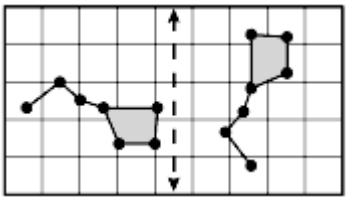


Which picture appears to show a reflection (flip) of the figure across the dashed line?

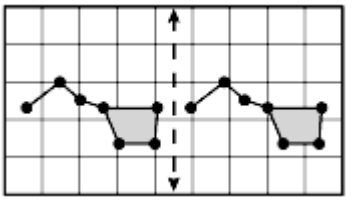
A.



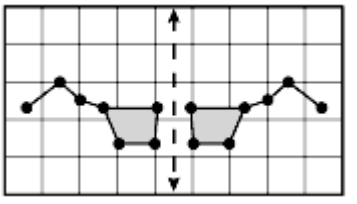
C.



B.



D.

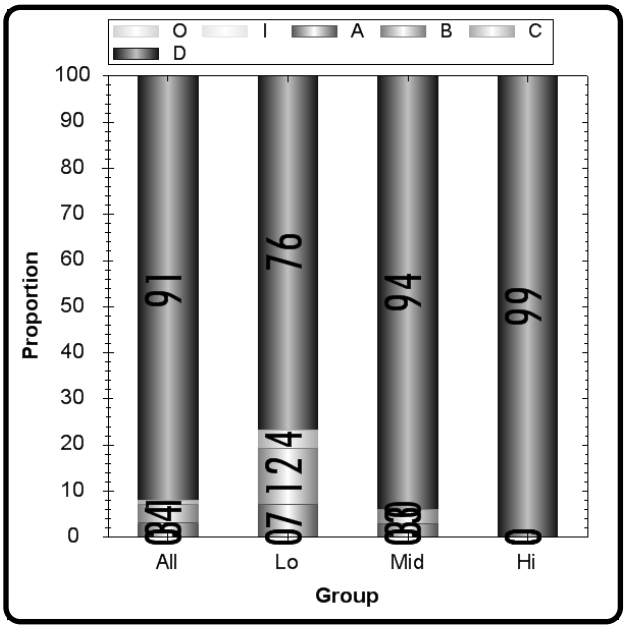


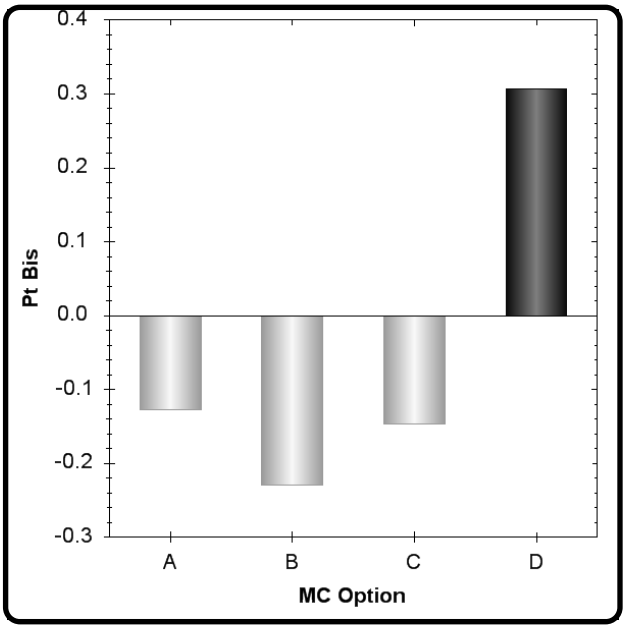
Grade 4	Math	CID 3509166
Item # 60		Administration OP09
	G3a	

Type	Max Points	Correct Answer	N Count	Item Mean	Discrimination
Multiple Choice	1	D	6517	0.914	0.307

	A	B	C	D	Omit	Invalid
All	3	4	1	91	0	0
Low Scorers	7	12	4	76	0	0
Middle Scorers	3	3	0	94	0	0
High Scorers	0	0	0	99	0	0

MC Item Option Discriminations			
A	B	C	D
-0.128	-0.230	-0.147	0.307





Notes:

3556084

Kyle cut a piece of string that measured $3\frac{1}{2}$ inches in length.

Which picture shows a piece of string $3\frac{1}{2}$ inches long?

A.

B.

C.

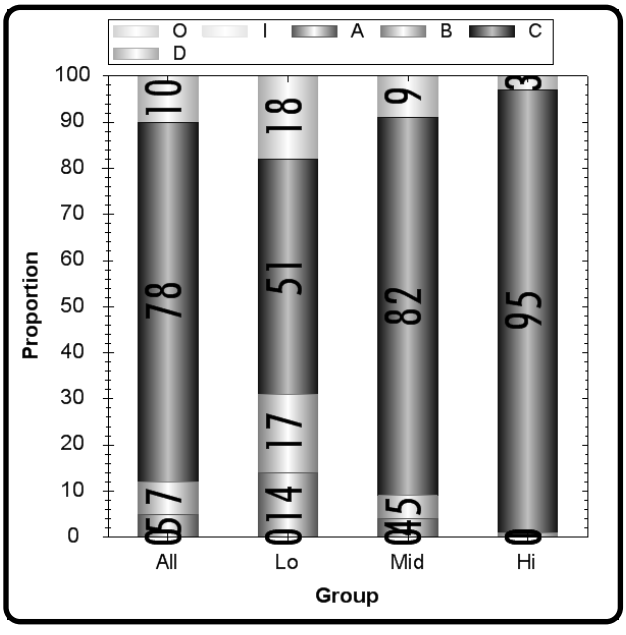
D.

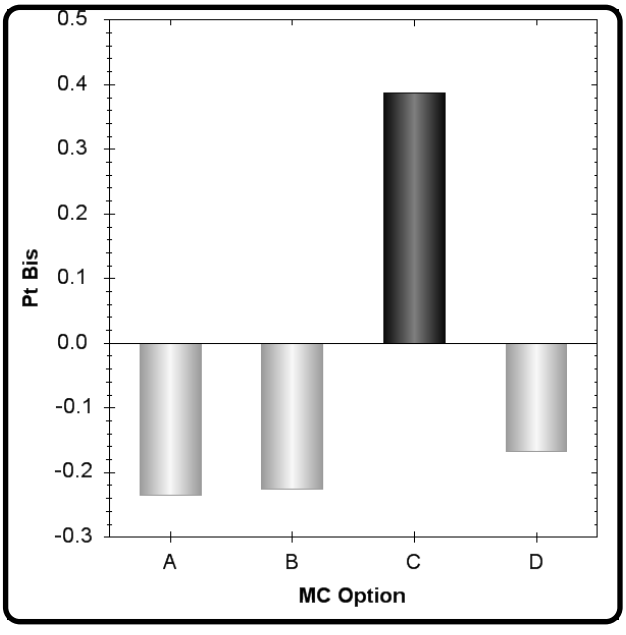
Grade 4	Math	CID 3556084
Item # 43		Administration OP09
	M1a	

Type	Max Points	Correct Answer	N Count	Item Mean	Discrimination
Multiple Choice	1	C	6517	0.785	0.387

	A	B	C	D	Omit	Invalid
All	5	7	78	10	0	0
Low Scorers	14	17	51	18	0	0
Middle Scorers	4	5	82	9	0	0
High Scorers	0	1	95	3	0	0

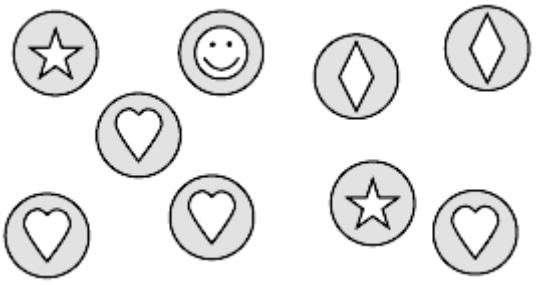
MC Item Option Discriminations			
A	B	C	D
-0.235	-0.226	0.387	-0.167





Notes:

Rachel has the stickers pictured below in a box.



Rachel takes one sticker from the box without looking. Which best describes the likelihood the sticker Rachel takes will have a star shape on it?

A. 1 out of 7

B. 2 out of 7

C. 1 out of 9

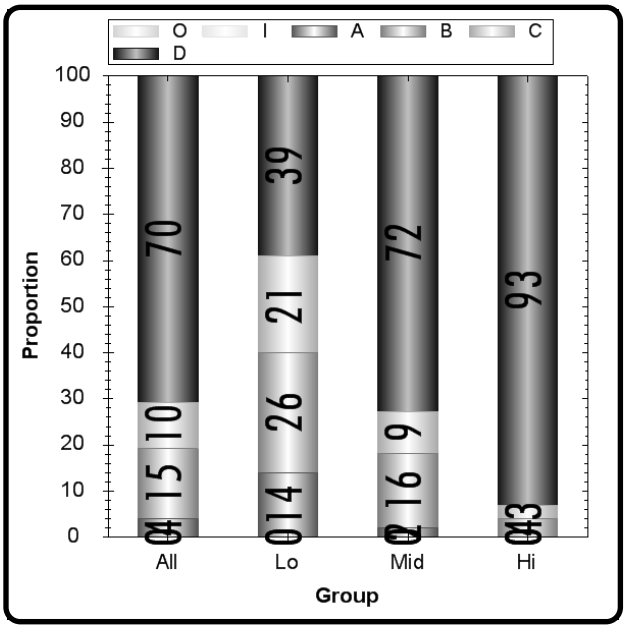
D. 2 out of 9

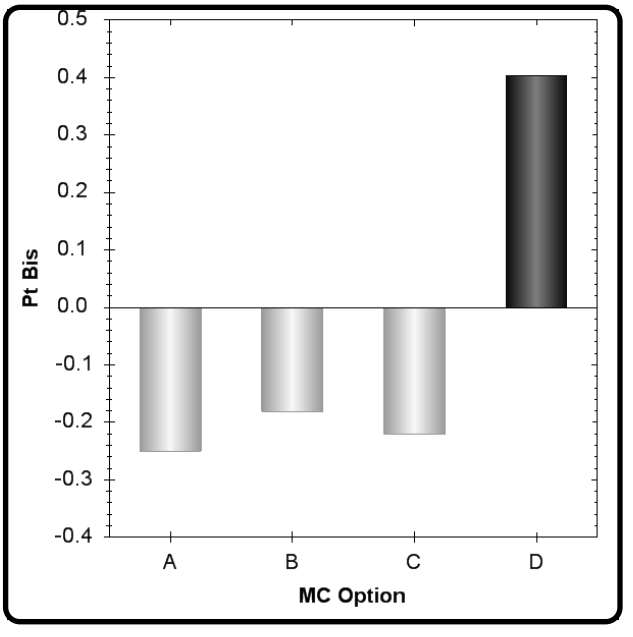
Grade 4	Math	CID 3416407
Item # 57		Administration OP09
	D2a	

Type	Max Points	Correct Answer	N Count	Item Mean	Discrimination
Multiple Choice	1	D	6517	0.700	0.404

	A	B	C	D	Omit	Invalid
All	4	15	10	70	0	0
Low Scorers	14	26	21	39	0	0
Middle Scorers	2	16	9	72	0	0
High Scorers	0	4	3	93	0	0

MC Item Option Discriminations			
A	B	C	D
-0.250	-0.181	-0.220	0.404





Notes:

White students may perform better on this item as compared to Am. Indian students. (B)

Mr. Dodd brought 6 movies for his children to watch while on a family trip. The table below shows the length of time for each of the 6 movies.

Family Trip Movies

Movie	Length of Time (minutes)
1	38
2	48
3	36
4	52
5	45
6	17

The children decide to watch Movie 3 and Movie 5. Will the length of time it takes to watch both movies be greater than or less than 1 hour? Write your answer in the space provided. Explain how you figured out your answer.

Greater Than or Less Than 1 Hour: _____

_____

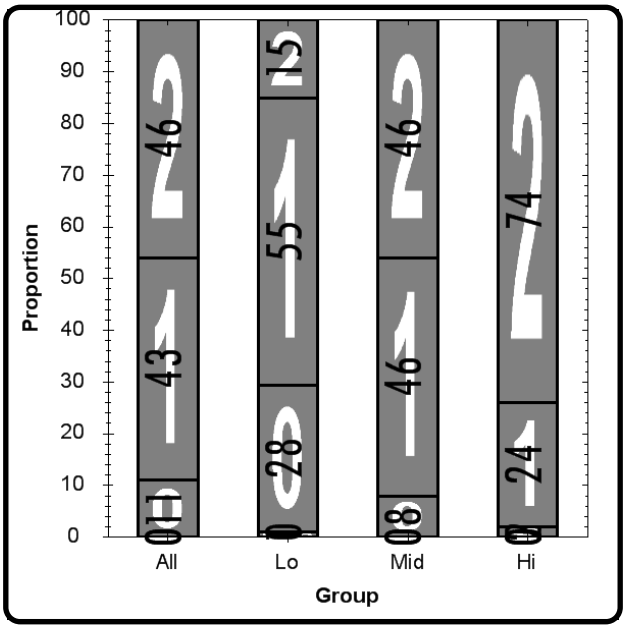
_____

_____

Grade 4	Math	CID 3556393
Item # 67		Administration OP09
	M1c	

Type	Max Points	N Count	Item Mean	Discrimination
Short Answer	2	6517	1.350	0.447

	0	1	2	Omit	Invalid
All	11	43	46	0	0
Low Scorers	28	55	15	1	0
Middle Scorers	8	46	46	0	0
High Scorers	2	24	74	0	0



Notes:

Non LEP students may perform better on this item as compared to LEP students. (B)

521939 1 2 3 4 5 A B C D E Printed in the USA ISD0080