ACTAAP

Arkansas Comprehensive Testing, Assessment, and Accountability Program



Released Item Booklet

Arkansas Augmented Benchmark Examination

APRIL 2008 ADMINISTRATION



Arkansas Department of Education

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CALCULATOR NOT PERMITTED-ITEMS 1-3



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PART II Released Mathematics Items–2008 Augmented Benchmark Grade 8

CALCULATOR PERMITTED-ITEMS 4-10 and 1-2

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The boys in Mrs. Raymond's class are collecting aluminum cans for charity. The data below shows the					
Cans Collected for Charity					
Воу	Number of Cans				
lan	206	1			
Jesse	250	1			
	1	1			
John	145				
John Mark	145 293				
John Mark Pepper	145 293 190				

6 boys?

Α	190
B B	198

C 211

> 219 D

100000044776 Quinton knows that a distance of 30 miles on a map is represented by a line $\frac{1}{4}$ inches long. If he is estimating the length of a line to represent 315 miles, approximately how long is the line? 2 in. A **B** $2\frac{1}{2}$ in. **C** $3\frac{1}{4}$ in. **D** $3\frac{1}{2}$ in.











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Deb and Antoinette used a J 100 times and recorded the	polyh ir resu	edral o ults in	lie wit the tal	h 10 si ole belo	ides to ow.	play a	game	. They	threw	tł
	100	Throv	vs of P	olyhe	dral D	ie				
Number on Die	1	2	3	4	5	6	7	8	9	
Number of Times Rolled	14	17	12	7	10	8	12	5	11	Γ
Based on the data, what is	s the e	experir	nental	proba	l bility	that D	eb will	l throw	va7o	n
Based on the data, what is next roll?	s the e	experir	nental	proba	bility ⁻	that D	eb will	throw	va7o	n
Based on the data, what is next roll?	s the e	experir	nental	proba	bility -	that D	eb will	l throw	va7o	n
Based on the data, what is next roll? A 3 out of 25 B 1 out of 20	s the e	experir	nental	proba	bility ⁻	that D	eb will	l throw	v a 7 o	n

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MATHEMATICS OPEN RESPONSE ITEM 1



BE SURE TO LABEL YOUR RESPONSES 1 AND 2.

RUBRIC FOR MATHEMATICS OPEN RESPONSE ITEM 1

SCORE	DESCRIPTION
4	Correct labels in Parts 1 and 2. Response contains no incorrect work.
3	The student earns 3 points.
2	The student earns 2 points.
1	1 or some minimal understanding is shown.
0	Blank-No Response. A score of "B" will be reported as "NA." (No attempt to answer the item. Score of "0" assigned for the item.)



RUBRIC FOR MATHEMATICS OPEN RESPONSE ITEM 2

SCORE	DESCRIPTION
4	Response contains no incorrect work.
3	The student earns 3 points.
2	The student earns 2 points.
1	 1 or some minimal understanding is shown. For minimal understanding in Part 1, shows the correct use of the Pythagorean Theorem with no more than 1 calculation error For minimal understanding in Part 2, response uses the "distance formula" (d=rt) with correct substitutions
0	Blank–No Response. A score of "B" will be reported as "NA." (No attempt to answer the item. Score of "0" assigned for the item.)