



**PAWS  
Mathematics  
Grade 3**

**Released Items  
With Data**

**2011**

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3417133

**00** Emily drew 4 shapes on her paper. Only 2 of the 4 shapes she drew were congruent. Which of these sets of shapes could be the shapes Emily drew on her paper?

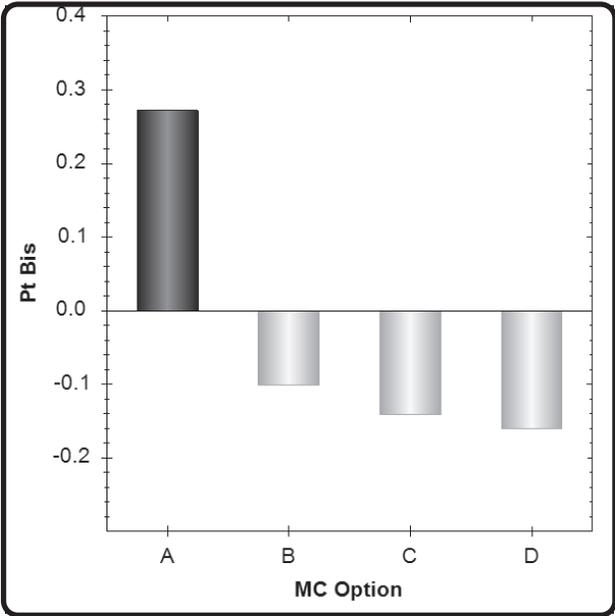
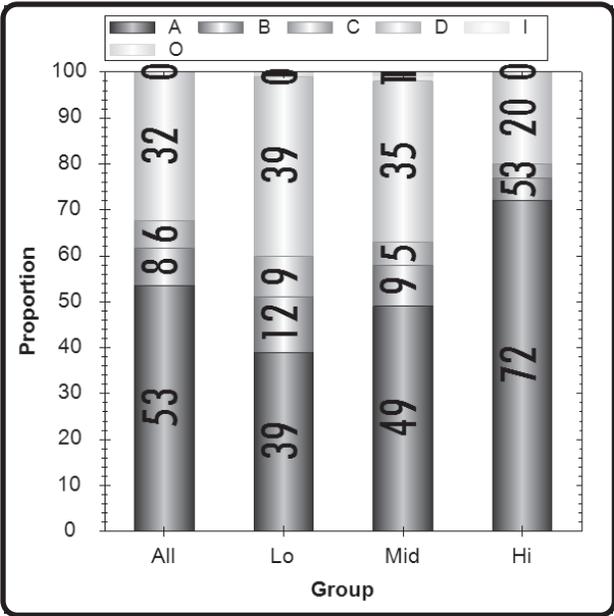


<b>Grade 3</b>	<b>Math</b>	<b>CID 3417133</b>
<b>Item # 18</b>	<b>OP11</b>	<b>G.3.b</b>

Type	Max Points	Correct Answer	N Count	Item Mean	Discrimination
Multiple Choice	1	A	6482	0.540	0.272

	A	B	C	D	Inv	Omit
All	53	8	6	32	0	0
Low Scorers	39	12	9	39	0	1
Middle Scorers	49	9	5	35	1	1
High Scorers	72	5	3	20	0	0

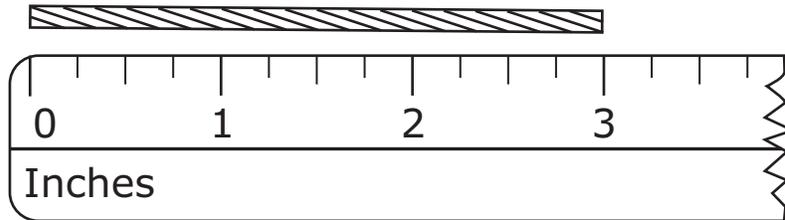
A	B	C	D
0.272	-0.101	-0.142	-0.161



Notes:

3508943

**00** Anthony needs a total of 8 inches of string for an art project. The picture shows the length of a piece of string left on one roll.



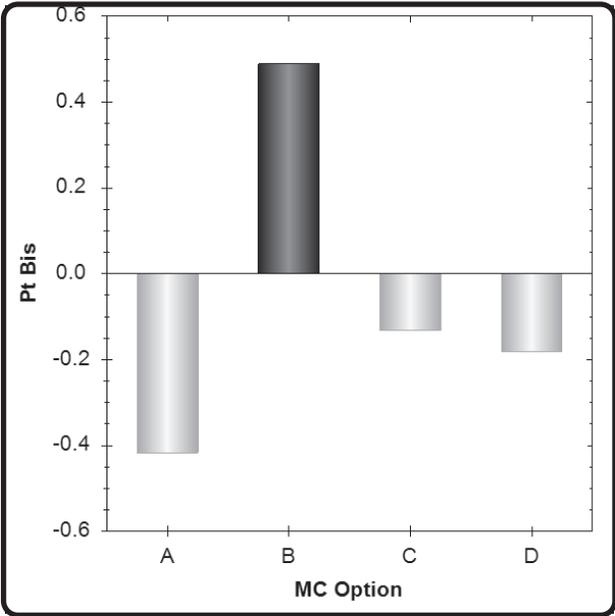
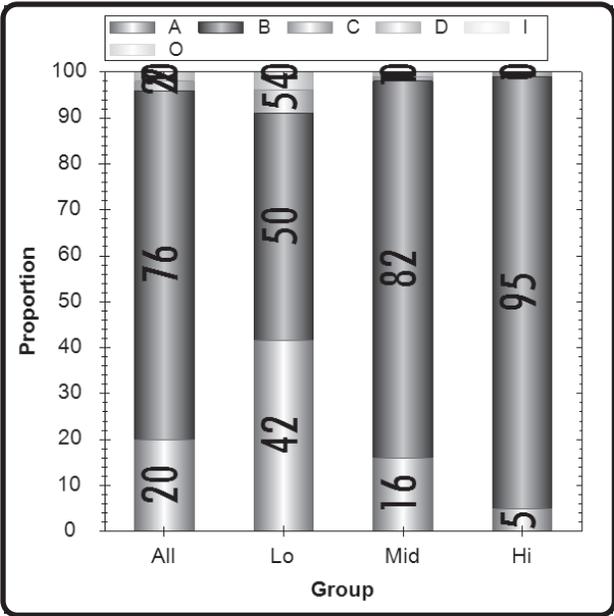
**Based on the ruler shown, how many more inches of string does Anthony still need for his art project?**

- Ⓐ 3 inches
- Ⓑ 5 inches
- Ⓒ 7 inches
- Ⓓ 11 inches

Type	Max Points	Correct Answer	N Count	Item Mean	Discrimination
Multiple Choice	1	B	6482	0.762	0.490

	A	B	C	D	Inv	Omit
All	20	76	2	2	0	0
Low Scorers	42	50	5	4	0	0
Middle Scorers	16	82	1	1	0	0
High Scorers	5	95	1	0	0	0

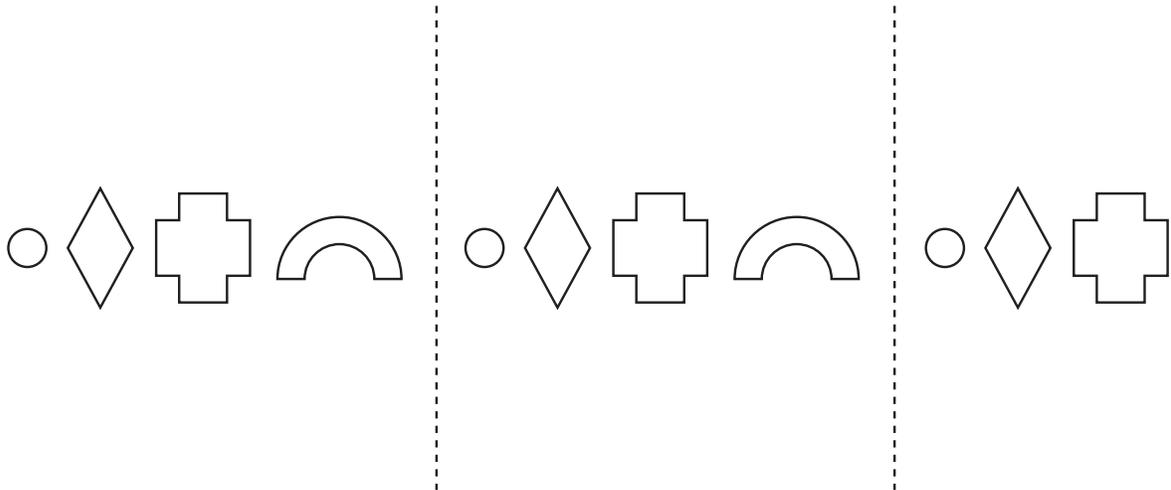
MC Item Option Discriminations			
A	B	C	D
-0.417	0.490	-0.132	-0.182



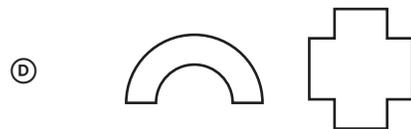
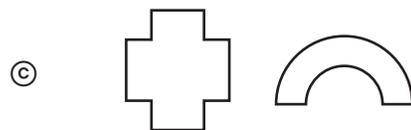
Notes:

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**00** The first eleven shapes in a four-shape repeating pattern are shown below.



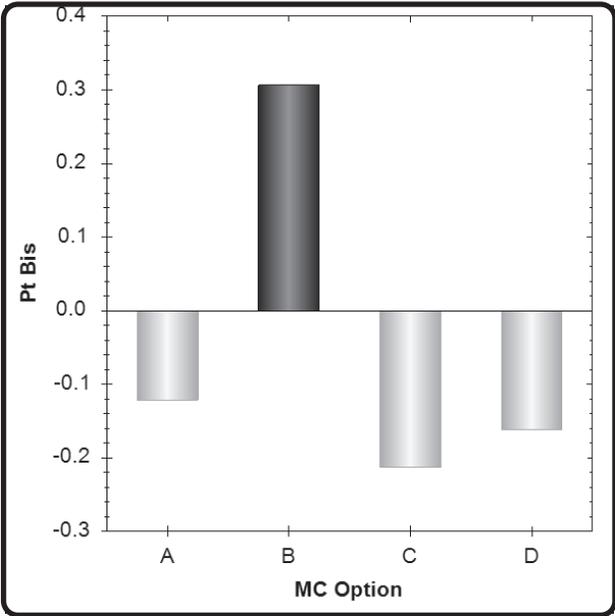
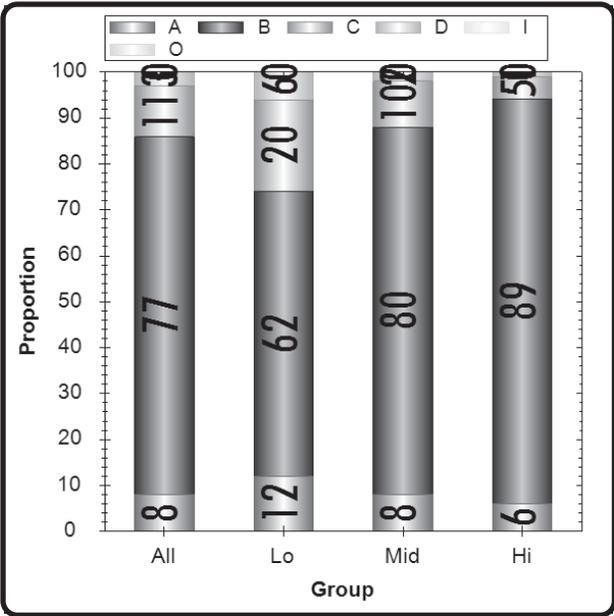
The first four shapes will continue to repeat in the same order. What will be the next two shapes in the pattern?



Type	Max Points	Correct Answer	N Count	Item Mean	Discrimination
Multiple Choice	1	B	6482	0.774	0.306

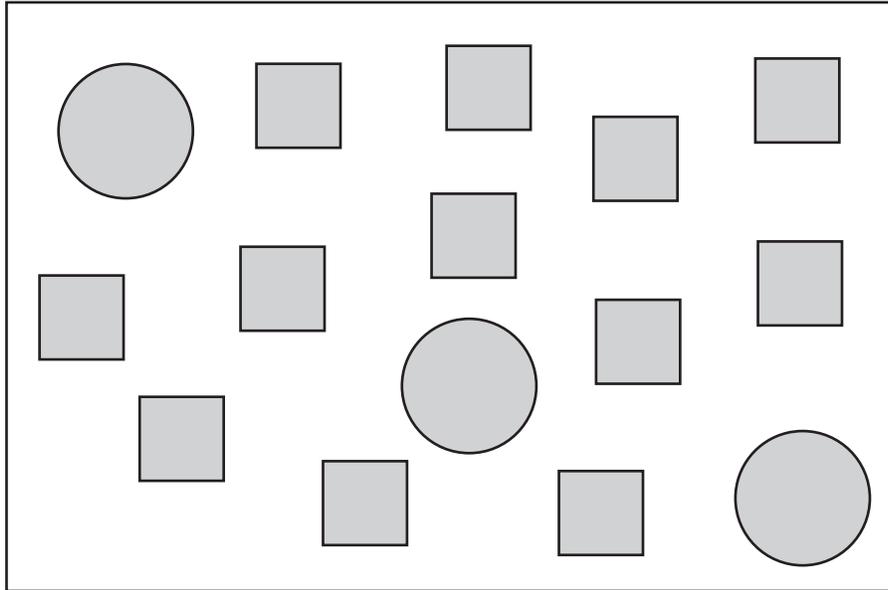
	A	B	C	D	Inv	Omit
All	8	77	11	3	0	0
Low Scorers	12	62	20	6	0	0
Middle Scorers	8	80	10	2	0	0
High Scorers	6	89	5	1	0	0

MC Item Option Discriminations			
A	B	C	D
-0.122	0.306	-0.213	-0.162



Notes:

**00** Ms. Rueben's class made a diagram of the school cafeteria, as shown below.



Then the class made 2 tally charts. One chart showed the number of round tables and the other chart showed the number of square tables. What should the tallies look like for the number of square tables?

(A)



(C)



(B)



(D)

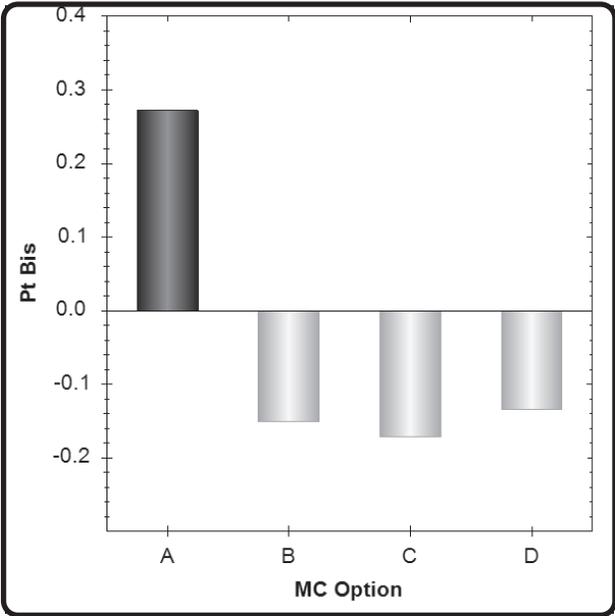
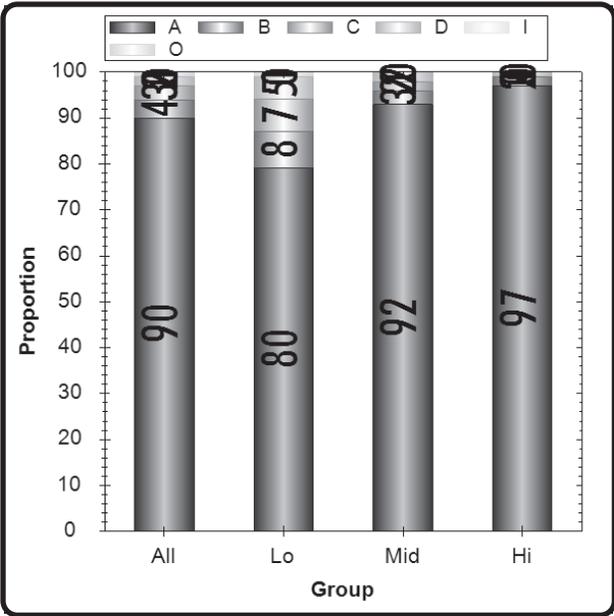


<b>Grade 3</b>	<b>Math</b>	<b>CID 3337549</b>
<b>Item # 51</b>	<b>OP11</b>	<b>D.1.a</b>

Type	Max Points	Correct Answer	N Count	Item Mean	Discrimination
Multiple Choice	1	A	6482	0.906	0.272

	A	B	C	D	Inv	Omit
All	90	4	3	2	0	1
Low Scorers	80	8	7	5	0	1
Middle Scorers	92	3	2	2	0	0
High Scorers	97	2	0	1	0	0

A	B	C	D
0.272	-0.152	-0.171	-0.134



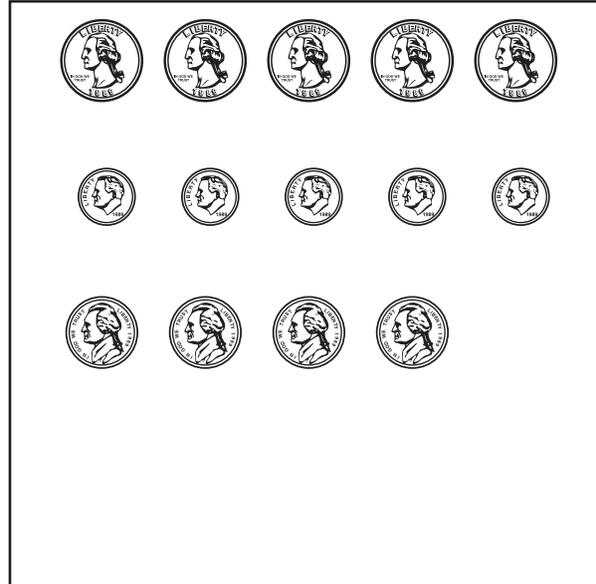
Notes:

**00** The picture below shows the money that Travis and Cheryl each have.

**Travis' Money**



**Cheryl's Money**



**Part A. Which of them has the greatest amount of money?  
Write your answer in the space provided.**

**Person With the Greatest Amount of Money:** \_\_\_\_\_

**Part B. Show your work or explain your answer.**

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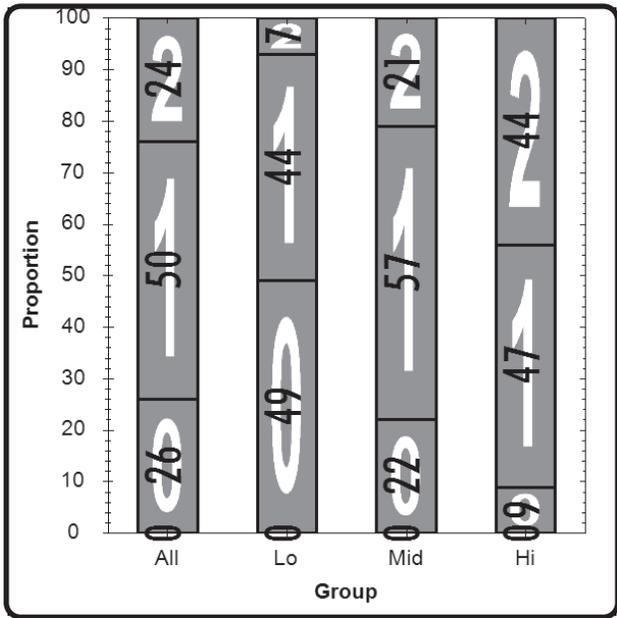
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<b>Grade 3</b>	<b>Math</b>	<b>CID 10000006902</b>
<b>Item # 60</b>	<b>OP11</b>	<b>N.3.b</b>

Type	Max Points	N Count	Item Mean	Discrimination
Short Response	2	6482	0.979	0.477

	0	1	2	Inv	Omit
All	26	50	24	0	0
Low Scorers	49	44	7	0	0
Middle Scorers	22	57	21	0	0
High Scorers	9	47	44	0	0

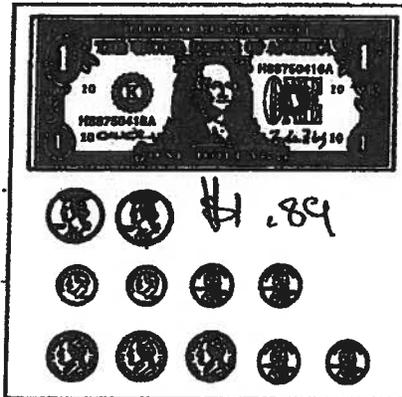


Notes:

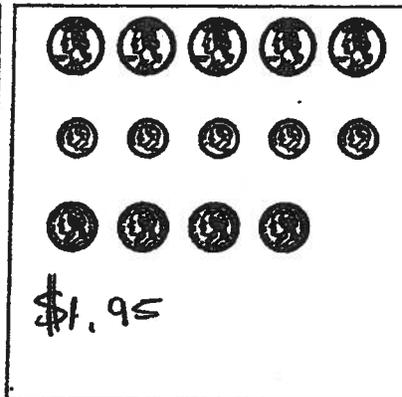
# Mathematics

5 The picture below shows the money that Travis and Cheryl each have.

Travis' Money



Cheryl's Money



Part A. Which of them has the greatest amount of money?  
Write your answer in the space provided.

Person With the Greatest Amount of Money: Cheryl

Part B. Show your work or explain your answer.

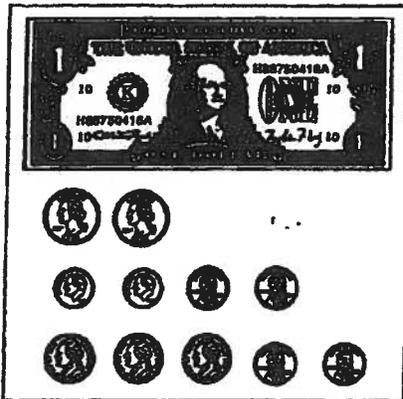
I counted the money  
and Cheryl had the most  
money.

Score Point 2 The response is complete and accurate. The student correctly identifies Cheryl for Part A. The student labels both Travis' money correctly (\$1.89) and Cheryl's money correctly (\$1.95), noting that Cheryl has the most money. Full credit is given for a correct response in Part A coupled with adequate support.

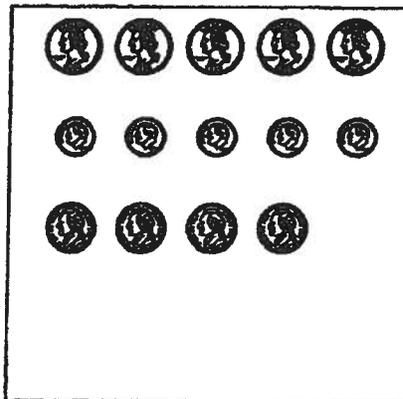
Mathematics

6 The picture below shows the money that Travis and Cheryl each have.

Travis' Money



Cheryl's Money



Part A. Which of them has the greatest amount of money?  
Write your answer in the space provided.

Person With the Greatest Amount of Money: Cheryl

Part B. Show your work or explain your answer.

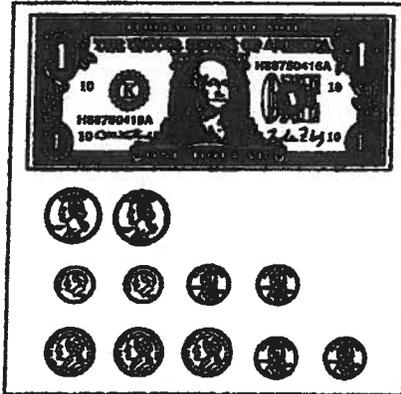
I think Cheryl because he \$1.95 and  
Travis day has \$1.88 so it would be  
Cheryl.

Score Point 1 The response is inaccurate. The student provides the correct answer in Part A (Cheryl). For Part B, the student correctly identifies that Cheryl has \$1.95, but incorrectly identifies Travis' money as \$1.88. Credit is given for the correct answer in Part A, and for recognizing the correct amount for Cheryl at \$1.95 in Part B.

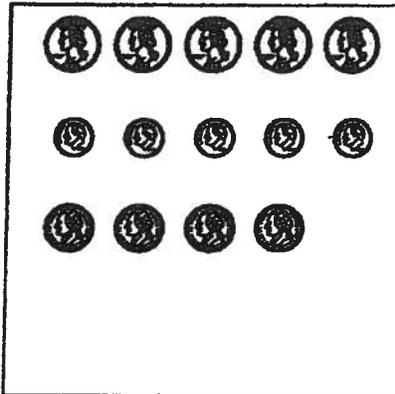
Mathematics

6 The picture below shows the money that Travis and Cheryl each have.

Travis' Money



Cheryl's Money



Part A. Which of them has the greatest amount of money?  
Write your answer in the space provided.

Person With the Greatest Amount of Money: Travis

Part B. Show your work or explain your answer.

Travis's money was bigger  
than Cheryl's money.

Score Point 0 The response shows very little understanding of how to successfully complete the task. The student gives an incorrect response for Part A (Travis) and does not identify amounts of money for either Cheryl or Travis.



