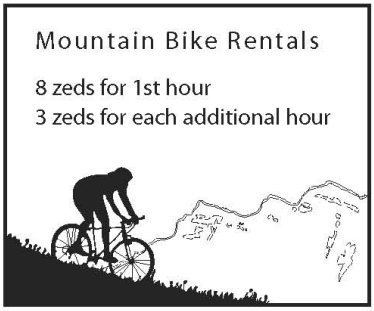
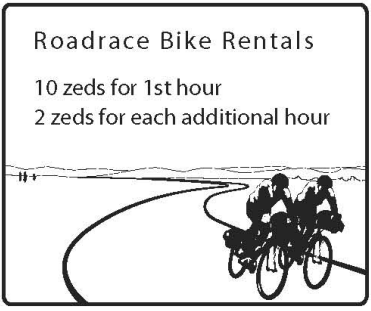
Posters for two sports clubs that rent bikes are shown below.





A. Use the information in the posters to complete the tables.

Mountain Bike Rentals	
Hours	Cost (zeds)
1	8
2	11
3	
4	
5	
6	

Roadrace Bike Rentals	
Hours	Cost (zeds)
1	10
2	12
3	
4	
5	
6	

B. For what number of hours are the rental costs the same at the two clubs?

Answer: _____

C. From which club does it cost less to rent a bike for 12 hours?

(A) Mountain Bike Rentals
(B) Roadrace Bike Rentals
(C) They are both the same
(D) It cannot be worked out

M031242

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TIMSS2007

Mathematics
Fourth Grade

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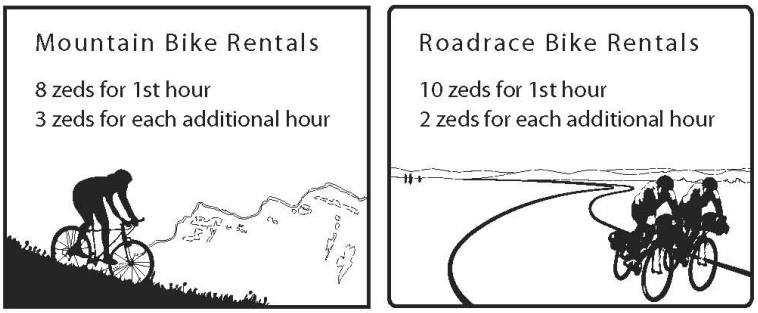

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M031242

Content Domain
Number

Cognitive Domain
Applying

Maximum Points
1

Key
See scoring guide

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TIMSS & PIRLS International Study Center
Lynch School of Education, Boston College

Item ID	M031242A	Subject	M	Grade	4	Block	M05	Block Seq	04

Code	Response	Item: M031242A			
	Correct Response				
10	Table completed correctly to 6 hours:	3 hours	14 zeds	3 hours	14 zeds
		4	17	4	16
		5	20	5	18
		6	23	6	20
	Incorrect Response				
70	One or more entries for Mountain Club incorrect; Roadrace Club entries all correct				
71	One or more entries for Roadrace Club incorrect; Mountain Club entries all correct				
79	Other incorrect (including crossed out/erased, stray marks, illegible or off task).				
	Nonresponse				
99	Blank				