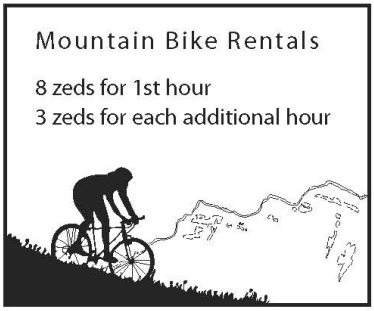
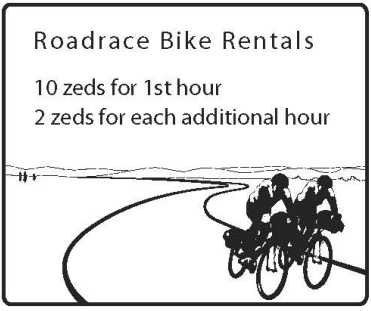
Posters for two sports clubs that rent bikes are shown below.





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

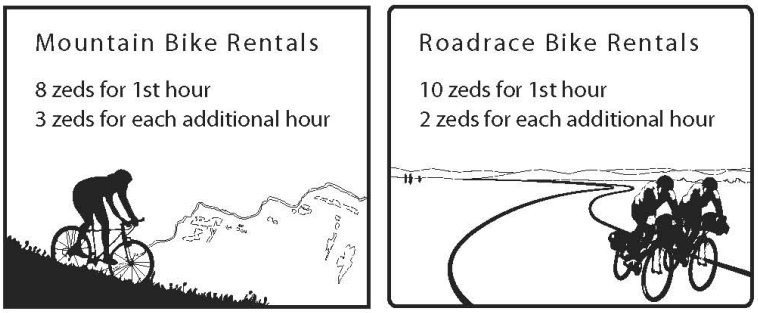
M031242

Copyright © 2008 International Association for the Evaluation of Educational Achievement (IEA). All rights reserved.

TIMSS2007

Mathematics
Fourth Grade

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?

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

M031242

Content Domain
Data Display

Cognitive Domain
Reasoning

Maximum Points
1

Key
B

Copyright © 2008 International Association for the Evaluation of Educational Achievement (IEA). All rights reserved.

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