



Name _____ Class _____ Date _____

Pythagoras, Galileo and Galileo's two children went camping one weekend at Cubic Camp. They decided not to take the car and caught a bus to the train stop at Millimeter Road. From there they caught the Treasure train and rode for two zones until they reached their destination, Mathemia. To get to the Cubic Campground they had to catch a ferry across Lake Liter. From the other side of Lake Liter a Base Bus took them to the office at Cubic Camp.



These are the public transport fare rates for the area:

Base Buses	
Adult	\$1.50
Child	80¢

Treasure Trains	
One Zone	
Adult	\$1.75
Child	\$1.15
Two Zones	

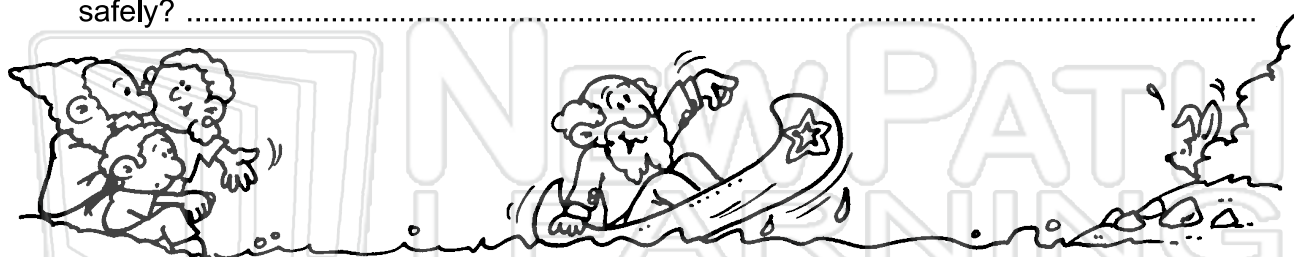
Fast Ferries	
Adult: One way	\$4.00
Return	\$7.00
Child: One way	\$2.00



PREVIEW

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3. What is the least number of trips they can make so that everyone arrives at the island safely?



Challenge:

It takes one minute for Archimedes to cut through a wooden log. He wants to cut the log into ten equal pieces. How long will it take?



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3. What is the least number of trips they can make so that everyone arrives at the island safely? **5**



Challenge:

It takes one minute for Archimedes to cut through a wooden log. He wants to cut the log into ten equal pieces. How long will it take? **9 minutes**