

Name: _____

VACATION PLANNING

The Roberts family is planning their summer getaway and they've asked their kids to help plan the itinerary. The family will be away on vacation for four full days. They have three children and two adults in the family. The total budget for vacation recreation is \$400.

These are the attractions in the area of their vacation that interest them:

Adventure Theme Park – Tickets are \$35 an adult, \$27 a child. Deep Sea Aquarium – Tickets are \$28 an adult, \$18 a child. Museum of Marvels – Tickets are \$18 an adult, \$16 a child. Speed-boating – \$65 an hour for a boat that seats 7. Horseback Riding – \$18 a rider for three hours.



There are also lots of free nearby attractions, such as a scenic hiking trail near a waterfall, a locomotive museum, which is small but charges no entrance fee, and a huge park with lots of sports fields near a beautiful lake.

Can you help the Roberts plan their vacation?

1. If the Roberts decide to spend a day at Adventure Theme Park, how much money will they have left in their budget?
2. Do the Roberts have enough money in their budget to go to Adventure Theme Park, the Deep Sea Aquarium, and spend two hours speed-boating?
 - a. Yes. \$220
 - b. No. \$249
3. Do you think the Roberts have enough money to enjoy all the attractions they want to go to on every day of their vacation? Explain your reasoning.

3. Is it possible for the family to enjoy a paid attraction on all four days of their vacation? If yes, list their itinerary.

4. **THINKING CAP:** Do you think the Roberts need to spend money on every day of their vacation to have fun? Explain your reasoning.