

# Topic 5 Performance Task

Name \_\_\_\_\_

Mr. and Mrs. Swerdlow are planning a vacation for themselves and their two children.

The Swerdlows don't want to spend more than \$2,000 on this vacation. Some of the information they are using to plan their trip is shown below. Use the information provided to solve **1** through **7** below.



**Family Vacation Expenses**

- A round-trip airline ticket costs \$239.
- The hotel costs \$200 a night.
- Amusement Park Tickets  
Adult: \$42                      Child: \$29
- Water Park Tickets  
Adult: \$25                      Child: \$15

1. Estimate the cost of the airline tickets for everyone in the family. Will the actual cost be more or less than your estimate? How can you tell?
  
  
  
  
  
  
  
  
  
  
2. How would you use breaking apart to find the actual cost of the tickets?
  
  
  
  
  
  
  
  
  
  
3. How much will it cost the family to stay in a hotel for 3 nights, assuming they can all stay together in one room?

4. How much would it cost for the two children to go to the water park?
  
  
  
  
  
  
  
  
  
  
5. The entire family wants to go to the amusement park? What would that cost? Use compensation to solve.
  
  
  
  
  
  
  
  
  
  
6. The Swerdlow children are each saving their allowance so they will have spending money on their vacation. If they each save \$4 per week for 20 weeks, how much will they save all together?
  
  
  
  
  
  
  
  
  
  
7. If the Swerdlows use the expenses that you found above, how much money will they have left for food and souvenirs? Explain how you decided.

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