

T More Sunny Vacation Problems

Choose an appropriate method to solve each problem. For some questions you may need to find an exact answer, while for others you may need to only estimate.

1. Nicole won a free airline ticket to Faraway Island. She has \$1000 to spend while she is there.
 - A. Nicole plans to spend $\frac{1}{2}$ of the money on a hotel room. It costs \$79 per night to stay at the Sunset Beach Lodge. Is it within Nicole's budget to stay at the lodge for 6 nights? Explain how you decided.
 - B. If Nicole plans to spend $\frac{1}{2}$ of her money on a hotel room and $\frac{1}{4}$ of her money on food, about how much money will she have left to spend on souvenirs and entertainment?

2. Nicole went bargain hunting for souvenirs for her friends. She found a fan for \$0.65, 7 matching pens for \$0.15 each, and a special on pencils: 5 for \$1.60. If she buys 2 fans, all 7 matching pens, and only 3 pencils, how much money will she spend?