

Courtney's Collection

Level C

Courtney visited her grandmother. Her grandmother used to collect stamps. She had a shoebox full of 5 cent, 6 cent, and 7 cent stamps. Courtney thought, "I could mail a lot of different-sized letters and postcards with these stamps." She tried to figure out the different amounts of postage she could make with a combination of those stamps. What totals could she make using no more than three stamps, and what totals are impossible?

Explain how you found your solution. How do you know your solution is correct?

