

1. Emily and Jasmine each start with the same number of stamps. After Emily gives 42 stamps to Jasmine, Jasmine ends up with twice as many stamps as Emily. How many stamps does Jasmine have now?
2. Three jackets cost as much as five shirts. Each shirt costs \$16 less than one jacket. What is the price of one shirt?
3. Jamie traveled 4,325 km in 640 days. What is his average distance travelled per day?
4. Hannah has 72 sweets. She keeps one-third for herself and shares the rest equally with friends. How many sweets do her friends get altogether?
5. Noelle adds the lengths of three sides of a rectangle and gets 88 cm. Her brother adds three other sides (two of one kind and one of the other) and gets 80 cm. What is the perimeter of the rectangle?
6. There were 300 more apple muffins than banana muffins in a bakery. After 150 banana muffins were sold, the ratio of banana muffins to apple muffins became  $3 : 8$ . How many apple muffins were there originally?
7. Wilma is 7 years old now, and her father is 37. In how many years will Wilma be one-third as old as her father?
8. The bakery ratio flips! Initially, the number of apple muffins to banana muffins was  $4 : 5$ . Then Emily gave 34 apple muffins to Ben, making their ratio  $3 : 8$ . How many banana muffins did Ben have at first?
9. In a parking lot, there are 36 vehicles consisting of bicycles (2-wheels) and trucks (6-wheels). Altogether they have 128 wheels. How many bicycles are there?
10. Elliot was contracted to deliver 80 potted plants. He receives \$18 per plant delivered safely, but he must pay \$10 for each one broken. In the end, he was paid exactly \$320. How many plants were broken?