Stella wants to plant some vegetables in her garden so her family can enjoy them. She has five types of plants in the garden: beans, peas, carrots, lettuce, and tomatoes. She has four more bean plants than tomato plants. She has twice as many pea plants as lettuce plants. She has 10 fewer lettuce plants than carrot plants. She has the same number of bean plants as pea plants. Stella planted 16 carrot plants. How many of each type of plant does Stella have in her garden?