

30. Owen works as a translator of literature. He gets paid different amounts for translating articles and for translating book chapters, but he is unsure exactly how much he gets paid for each task. In January, he was paid \$340 for translating 3 book chapters and 2 articles. In February, he was paid \$380 for translating 1 book chapter and 6 articles.

A. Let c represent the number of book chapters that he translated, and let a represent the number of articles that he translated. Write a system of equations to represent the situation above.

B. Use the substitution method to solve the system of equations from part A. Show all work.

Unit 2