



Problem-Solving Challenge

Name:

Period:

Work the following problems. Make sure you show your steps of how you solved the problem.

1. Marco plans to put fence posts 2 yards apart all around his garden. His garden is a rectangle 12 yards long and 8 yards wide. How many posts does he need?

2. Read the following newspaper article about Felicity. In what month of the year did she graduate from college?

On August 16, Felicity Johnson, a Peace Corp volunteer from Borisville, returned home after having spent 8 months in Africa. She went to Africa directly after having spent 5 months in Colombia. Felicity told reporters that she joined the Peace Corps 7 months after graduating from college. She also said that she enjoyed the many cultures of the countries she had lived in.

3. Mr. Jones wants to put 8 watermelons into 3 baskets so that each basket has at least 45 pounds of watermelon. How can he do that without cutting any of the melons?

