Problem-Solving Strategy:
Write an Equation

1. Mr. Martinez owns his own business. As a salary, he earns \(2\frac{1}{2}\) times as much as Juan. Mr. Martinez makes $2,000 each week. How much is Juan paid per week?

**UNDERSTAND**

What information do you know?

What do you need to find out?

**PLAN**

Which operation can you use to find out how much Juan is paid?

**SOLVE**

Let \(j\) represent Juan. What equation can you write to solve the problem?

How much is Juan paid?

**LOOK BACK**

How can you check your answer?

Write an equation to solve the following problem.

2. In the last four weeks, Yow worked 150 hours. If she worked \(\frac{1}{3}\) of the hours last week, how many hours did she work the previous three weeks? Explain your answer.