

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.
