Problem-Solving Decisions:
Identify Relevant Information

Use the questions to help you solve.

1. The instructions for a pleated pillow call for $1\frac{3}{4}$ yards of velvet for the front, $1\frac{1}{4}$ yards of silk for the back, and $1\frac{1}{4}$ yards of ribbon for the border. Charlie decides to use the same velvet on the front and back. He has 2 feet of velvet. How much more does he need?

**UNDERSTAND**

What is the question, in your own words?


**PLAN**

What information in the problem is necessary?


What information is unnecessary?


**SOLVE**

What operation(s) will you use to find the answer?


**LOOK BACK**

How can you check your answer?


2. A curtain with a width of .75 m is hung in front of a window with a perimeter of 2.8 m. Rings are sewn into the top of the curtain at each end, and every 7.5 cm in between. The rings are placed on a curtain rod that hangs 8.2 cm above the window. How many curtain rings are there?