

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?
