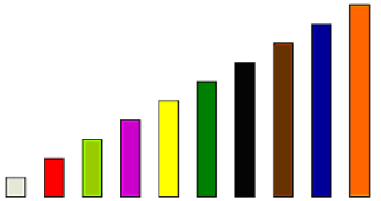
The Chocolate Bar Problem



Materials: cuisenaire rods

1. Peter had a chocolate bar. He gave 1/2 of the bar to Tyler and 1/3 of the bar to Miguel. What fraction of the chocolate bar did Peter have left?

2. Use cuisenaire rods to model your answer. Give the dark green rod the value of ONE.

3. Explain the strategy you used to solve this problem.

4. Create and solve a similar problem of your own.

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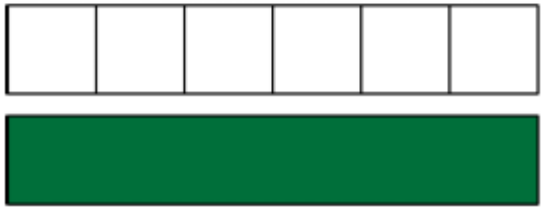
A solution:

If we give the dark green rod the value of ONE, then the light green rod represents 1/2 and the red rod represents 1/3.

If we take the light green rod and the red rod away from the dark green rod, then we are left with a white rod.



A white rod represents 1/6. Peter had 1/6 of a chocolate bar left.

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