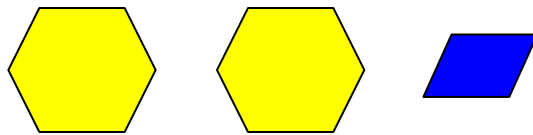


Possible Solutions

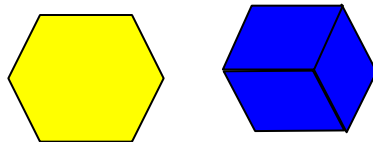
Paula wants to make a blanket for her new baby. The pattern calls for $2\frac{1}{3}$ yards of fabric and she only has $\frac{2}{3}$ yards. How much fabric should she buy so she can make the blanket? Using pattern blocks and a number line to justify your thinking.

Possible Solution 1

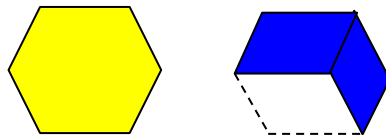
- Start with two yellow hexagons and one blue rhombus to represent $2\frac{1}{3}$.



- The next logical step is to remove two blue rhombuses (representing the $\frac{2}{3}$ yards she already has), but there is only one of those. Take it away and trade one of the yellow hexagons for 3 blue rhombuses.

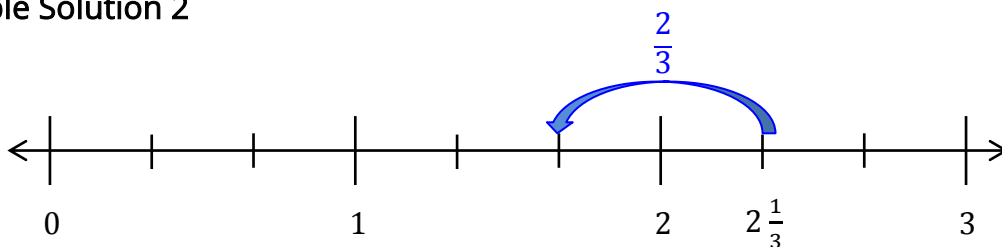


- Now take away one more blue rhombus. The amount left represents how much fabric Paula needs to buy.



$$2\frac{1}{3} - \frac{2}{3} = 1\frac{2}{3}$$

Possible Solution 2



$$2\frac{1}{3} - \frac{2}{3} = 1\frac{2}{3}$$