

6.RP Perfect Purple Paint I

Task

Jessica gets her favorite shade of purple paint by mixing 2 cups of blue paint with 3 cups of red paint. How many cups of blue and red paint does Jessica need to make 20 cups of her favorite purple paint?



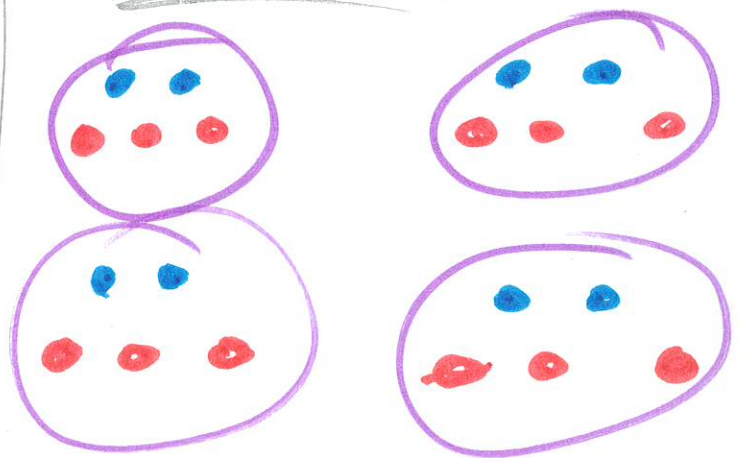
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Numbers

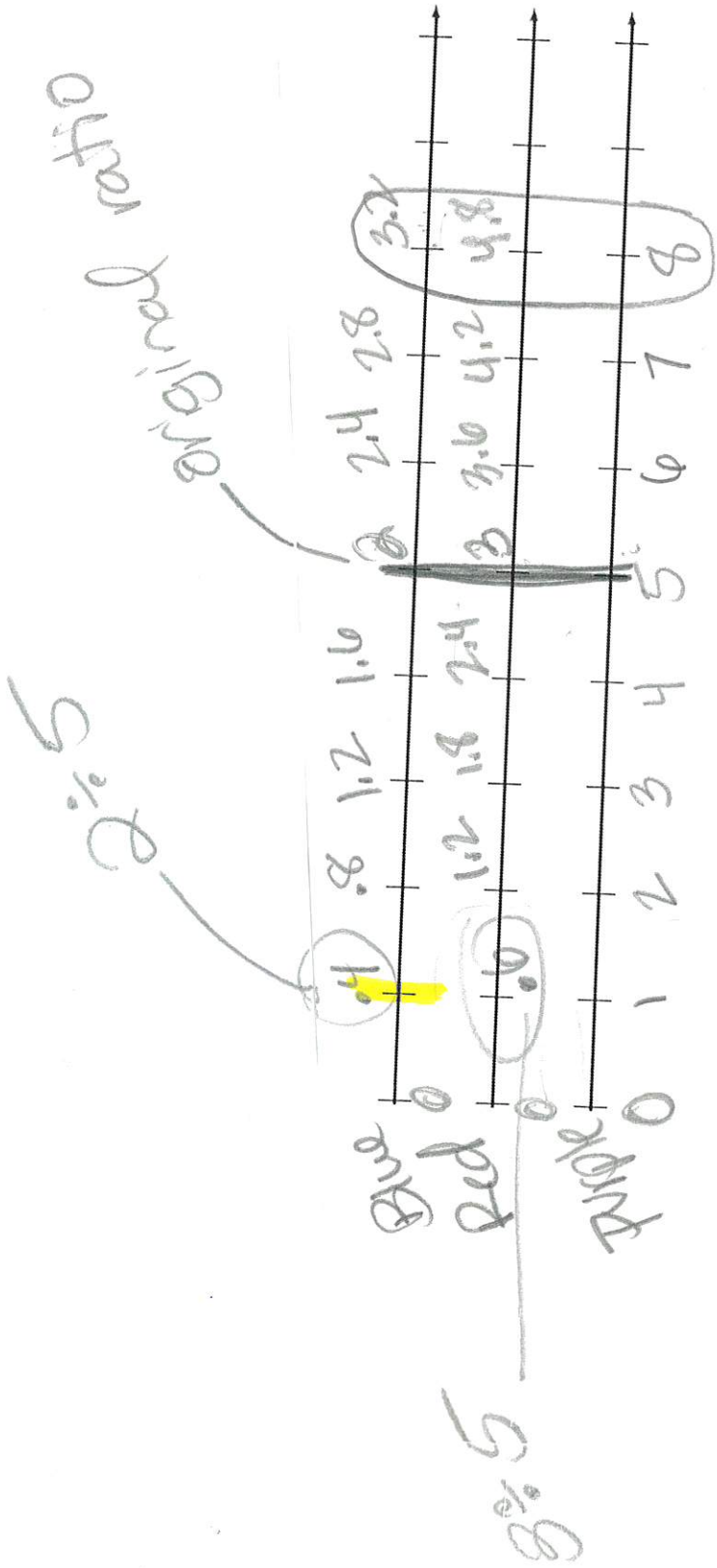
$$\begin{array}{r} 3 + 2 = 5c \\ \times 4 \\ \hline 20c \text{ purple} \end{array}$$

$$\begin{array}{l} 3 \times 4 = 12c \text{ red} \\ 2 \times 4 = 8c \text{ blue} \end{array}$$

Picture



20 c purple
12 c red
8 c blue



8 cups of purple requires
 3.2 cups of blue &
 4.8 cups of red.