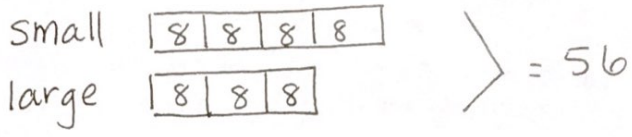


Name: Key

Tape Diagram Practice



The ratio of small dogs to large dogs at the dog show is 4:3. If there are 56 total dogs in the show, how many large dogs are in the show? Show your work by using a tape diagram.



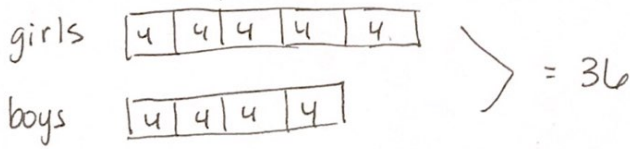
of rectangles
 ↑ ↑
 $56 \div 7 = 8$
 ↓ ↓ ↓
 total # of rectangles amount in each rectangle

$3 \cdot 8 = 24$
 ↓
 # of large dog rectangles

24 large dogs are in the show

Use a tape diagram to solve each problem.

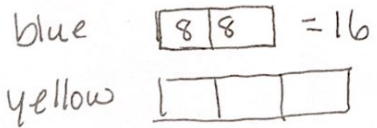
#1. The ratio of girls to boys who participated in the Geography Bee was 5:4. There were 36 total students. How many were boys?



$9 \overline{)36}$ 4

$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$ boys

#2. The ratio of blue paint to yellow paint in a green paint mixture is 2:3. If you use 16 ounces of blue paint, how many ounces of yellow paint do you need?



$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$ oz of yellow paint

