

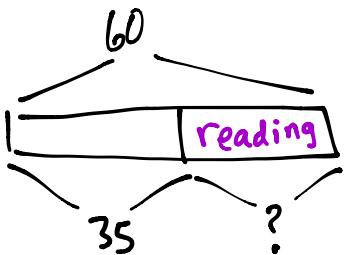
Name _____

Date _____

1. Jenny's mom says she has an hour before it's bedtime. Jenny spends $\frac{1}{3}$ of the hour texting a friend and $\frac{1}{4}$ of the time brushing her teeth and putting on her pajamas. She spends the rest of the time reading her book. How many minutes did Jenny read?

$\frac{1}{3}$ of 60 = $\frac{1 \times 60}{3} = 20$
 $\frac{1}{4}$ of 60 = $\frac{1 \times 60}{4} = 15$

$\left. \begin{matrix} 20 \\ 15 \end{matrix} \right\} 35$



$$\begin{array}{r} 60 \\ - 35 \\ \hline 25 \text{ minutes} \end{array}$$

Jenny read for 25 minutes

2. A-Plus Auto Body is painting designs on a customer's car. They had 18 pints of blue paint on hand. They used $\frac{1}{2}$ of it for the flames, and $\frac{1}{3}$ of it for the sparks. They need $7\frac{3}{4}$ pints of blue paint to paint the next design. How many more pints of blue paint will they need to buy?

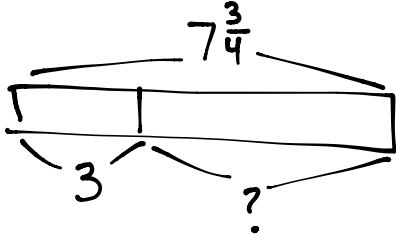
$\frac{1}{2}$ of 18 = $\frac{1 \times 18}{2} = 9$
 $\frac{1}{3}$ of 18 = $\frac{1 \times 18}{3} = 6$

Blue used: $9 + 6 = 15$

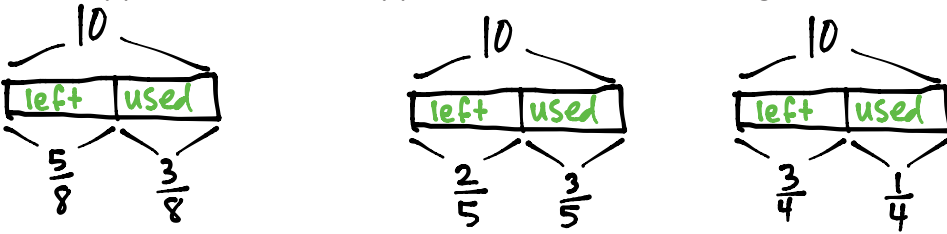
Blue left: $18 - 15 = 3$

$7\frac{3}{4} - 3 = 4\frac{3}{4}$

they will need to buy $4\frac{3}{4}$ pint of paint.



3. Giovanna, Frances, and their dad each carried a 10-pound bag of soil into the backyard. After putting soil in the first flower bed, Giovanna's bag was $\frac{5}{8}$ full, Frances' bag was $\frac{2}{5}$ full, and their dad's was $\frac{3}{4}$ full. How many pounds of soil did they put in the first flower bed altogether?



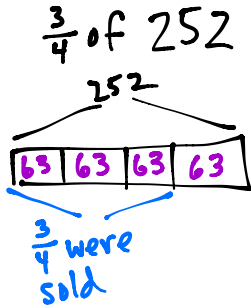
$\frac{3}{8} \times 10 = \frac{3 \times 10}{8} = \frac{30}{8} = \frac{15}{4} = 3\frac{3}{4}$ pounds

$\frac{2}{5} \times 10 = \frac{2 \times 10}{5} = \frac{20}{5} = 4$ pounds

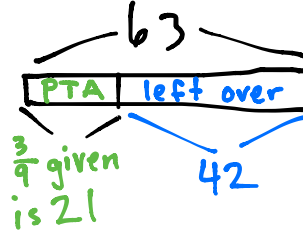
$\frac{3}{4} \times 10 = \frac{3 \times 10}{4} = \frac{30}{4} = \frac{15}{2} = 7\frac{1}{2}$ pounds

$3\frac{3}{4} + 4 + 7\frac{1}{2} = 11 + \frac{3}{4} + \frac{2}{4} = 11 + \frac{5}{4} = 11 + 1\frac{1}{4} = 12\frac{1}{4}$ pounds

4. Mr. Chan made 252 cookies for the Annual Fifth Grade Class Bake Sale. They sold $\frac{3}{4}$ of them and $\frac{3}{9}$ of the remaining cookies were given to P.T.A. members. Mr. Chan allowed the 12 student-helpers to divide the cookies that were left equally. How many cookies will each student get?



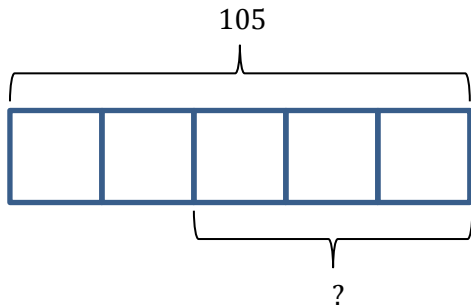
$$\begin{aligned} & \frac{3}{9} \text{ of } 63 \\ &= \frac{3}{9} \times 63 \\ &= \frac{3 \times 63}{9} \\ &= 21 \end{aligned}$$



$$12 \overline{)42} = 3 \frac{6}{12} = 3 \frac{1}{2}$$

3 $\frac{1}{2}$ cookies per student helper.

5. Create a story problem about a farm for the tape diagram below. Your story must include a fraction.



A farm has 105 acres of land. $\frac{2}{5}$ of the land is planted with corn and the rest is planted with wheat. How many acres are planted with wheat?