

1. Evaluate:

a.  $\frac{1}{2} - \frac{1}{6};$

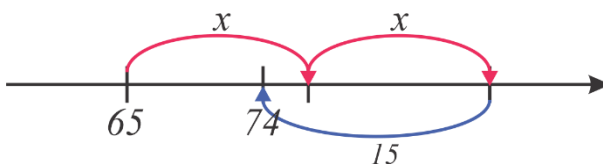
b.  $\frac{9}{\frac{16}{3} - \frac{3}{8}};$

c.  $\frac{5}{\frac{6}{1} - \frac{2}{3}};$

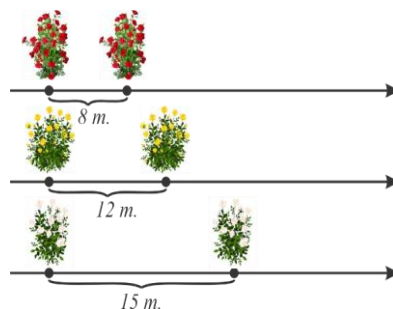
d.  $\frac{1}{\frac{2}{1} - \frac{1}{6}};$

e.  $\frac{17}{\frac{14}{11} - \frac{5}{21} + \frac{7}{1}};$

2. The area of a rectangle is  $\frac{5}{7} m^2$ . One side of this rectangle is  $\frac{3}{4} m$ . What is the length of the other side?
3. Julia and Mary ate all the Halloween candy. Mary claimed that she ate  $\frac{2}{3}$  of the candies, and Julia said that she ate  $\frac{3}{5}$ . Their parents think that something is wrong. Are they right?
4. Find  $x$  on the picture:



5. In a garden, there are red, yellow, and white rose bushes. At the beginning of the garden, red, yellow, and white bushes are planted in a row. Then, red roses are planted every 8 meters, yellow roses every 12 meters, and white roses every 15 meters, continuing until all three types of bushes are again planted in a row at the end of the garden. How long is this garden, and how many red, yellow, and white roses are planted there?



6. \*The inhabitants of the Unknown Planet, divide the day into several hours, an hour into several minutes, and a minute into several seconds. However, on their planet, there are 77 minutes in a day and 91 seconds in an hour. How many seconds are in a day on the Unknown Planet?
7. In your notebook copy the picture and continue, use ruler:

