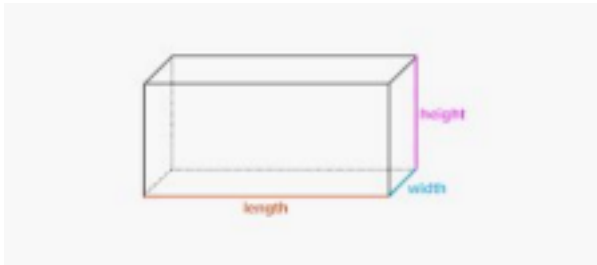


5. Divide. Use common denominators or KCF. Show your work.

a) $\frac{3}{4} \div \frac{1}{3}$ b) $4\frac{2}{3} \div \frac{3}{2}$

6. How many $\frac{1}{2}$ inch cubes can fit inside a prism that is $3\frac{1}{2}$ in long, by $2\frac{1}{2}$ in wide, by 6 in deep?



- a.) 24 cubes
- b.) 36 cubes
- c.) 840 cubes
- d.) 420 cubes

7. A flower box is 3 feet long, $1\frac{3}{4}$ feet wide, and $\frac{1}{2}$ feet deep. What is the volume of the flower box in cubic feet?

8. Peter has a trunk that he keeps his most important possessions in. The length is $\frac{8}{3}$ inches, the width is $\frac{15}{4}$ inches, and the height is $\frac{3}{2}$ inches. What is the volume of the trunk?