

9. Compute $\frac{7}{8} + (\frac{2}{3} + \frac{1}{6})$ and $(\frac{7}{8} - \frac{2}{3}) - \frac{1}{6}$

10. Karl wants to fertilize his 6 acres. If it takes $8\frac{2}{3}$ bags of fertilizer for each acre, how many bags of fertilizer should Karl buy?

11. Calculate $11\frac{3}{5} + 9\frac{8}{9}$ and $13\frac{2}{3} - 7\frac{5}{8}$

12. Use a rectangular array to illustrate the fraction problem $\frac{2}{3} \cdot \frac{4}{5}$.

13. Now illustrate, in some fashion, the fraction problem $3 \div \frac{3}{4}$.

14. Calculate $\frac{3}{8} \cdot \frac{5}{6}$ and $\frac{4}{3} \div \frac{2}{5}$.

15. Calculate $\frac{2}{3} \cdot \left(\frac{4}{5} - \frac{1}{2}\right) + \left(\frac{5}{6} \div \frac{1}{3}\right)$.

16. A recipe calls for $\frac{2}{3}$ of a cup of sugar. You find that you only have $\frac{1}{2}$ a cup of sugar left. What fraction of the recipe can you make?

17. Kids belonging to a Boys and Girls Club collected cans and bottles to raise money by returning them for the deposit. If 54 more cans than bottles were collected and the number of bottles was $\frac{5}{11}$ of the total number of beverage containers collected, how many bottles were collected.