
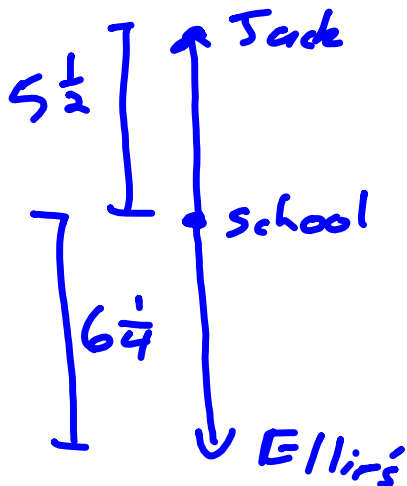


Warm up:

Mrs. Escalante was riding a bicycle on a bike path. After riding $\frac{2}{3}$ of a mile, she discovered that she still needed to travel $\frac{3}{4}$ of a mile to reach the end of the path. How long is the bike path?

$$\frac{2}{3} + \frac{3}{4} = \frac{8}{12} + \frac{9}{12} = \frac{17}{12} = 1\frac{5}{12} \text{ mi}$$


Jack lives $5\frac{1}{2}$ mi north of the school. Ellie lives $6\frac{1}{4}$ mi south of the school. How far apart are Jack and Ellie's houses?



$$\begin{aligned} 5\frac{1}{2} + 6\frac{1}{4} \\ \frac{11}{2} + \frac{25}{4} \\ \frac{22}{4} + \frac{25}{4} \\ \frac{47}{4} = 11\frac{3}{4} \text{ mi} \end{aligned}$$

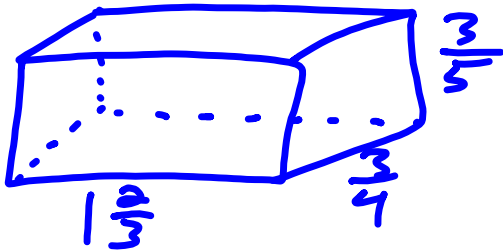
Craig uses $1\frac{1}{4}$ oz of coffee beans everyday to make his coffee. How many ounces of coffee beans would he use in 7 days?

$$1\frac{1}{4} (7)$$

$$\frac{5}{4} (7)$$

$$\frac{35}{4} = 8\frac{3}{4} \text{ oz}$$

A fish tank has a length of $1\frac{2}{3}$ ft, a width of $\frac{3}{4}$ ft, and a height of $\frac{3}{5}$ ft. What is the volume?



$$\begin{array}{c} 1\frac{2}{3} \left(\frac{3}{4} \right) \left(\frac{3}{5} \right) \\ \cancel{1\frac{2}{3}} \left(\frac{3}{4} \right) \left(\frac{3}{5} \right) \end{array}$$

The above expression is crossed out with a green line. Below it, the final answer is circled in green:

$$\frac{3}{4} \text{ ft}^3$$

Practice

①

$$-12 \div \left(-1\frac{1}{2}\right)$$

$$-12 \div \left(-\frac{3}{2}\right)$$

$$\overset{4}{-} \frac{12}{1} \cdot \left(-\frac{2}{3}\right)$$

8 weeks

② $16 \div \frac{2}{3}$

$\frac{16}{1} \cdot \frac{3}{2}$

24 guests

③



$$\begin{array}{r} \times 29 \\ 23 \\ \hline 587 \\ 587 \\ \hline 667 \end{array}$$

$$\begin{array}{r} 8 \overline{)667} \\ \underline{-64} \\ 27 \\ \underline{-24} \\ 3 \end{array}$$

$$14\frac{1}{2} \cdot 5\frac{3}{4}$$

$$\frac{29}{2} \cdot \frac{23}{4}$$

$$\frac{667}{8} = 83\frac{3}{8} \text{ ft}^2$$

$$\textcircled{4} \quad 7\frac{1}{10} - 4\frac{3}{4}$$

$$\frac{71}{10} - \frac{19}{4}$$

$$\frac{142}{20} - \frac{95}{20} = \frac{47}{20} = \textcircled{2\frac{7}{20} \text{ mi}}$$

⑤

$$7\frac{1}{2} \div 3$$

$$\frac{15}{2} \div 3$$

$$\overset{5}{\cancel{15}} \frac{1}{2} \cdot \frac{\cancel{1}}{\cancel{3}} = \frac{5}{2} = 2\frac{1}{2} \text{ ft}$$

