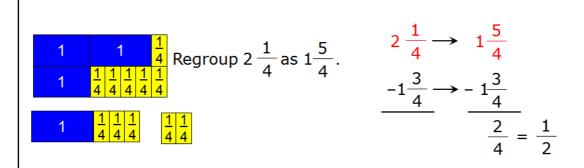
5.4 Regrouping to Subtract Mixed Numbers

p. 244

1-24-18

Dec 4-10:59 AM



The tree has grown $\frac{1}{2}$ ft since it was planted.

Subtract. Write each answer in simplest form.

$$7 \frac{1}{6} - 2 \frac{5}{6}$$

$$7 \frac{1}{6} \longrightarrow 6 \frac{7}{6}$$

$$Rename 7 \frac{1}{6} \text{ as } 6 + 1 \frac{1}{6} = 6 + \frac{6}{6} + \frac{1}{6}.$$

$$-2 \frac{5}{6} \longrightarrow -2 \frac{5}{6}$$
Subtract the fractions and then the whole numbers.
$$4 \frac{2}{6} = 4 \frac{1}{3}$$
Write the answer in simplest form.

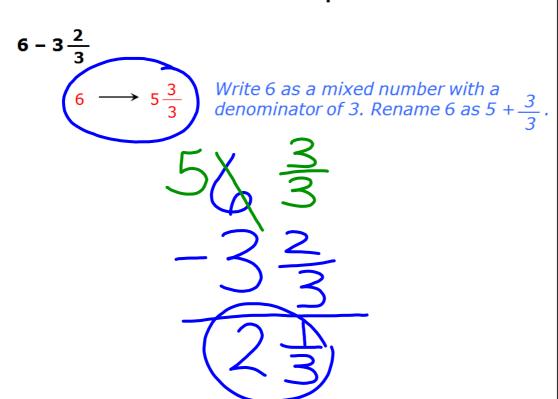
Jan 4-3:43 PM

Subtract. Write each answer in simplest form.

$$8\frac{2}{5} - 6\frac{7}{10}$$

$$\frac{2}{5} = \frac{4}{10} + \frac{10}{10} = \frac{14}{10}$$

Subtract. Write each answer in simplest form.



Jan 4-3:43 PM

Subtract. Write each answer in simplest form.

$$5\frac{1}{3} - 2\frac{3}{4} + \frac{1}{3} = \frac{4}{12} + \frac{12}{12} = \frac{16}{12}$$

$$-\frac{3}{4} = \frac{9}{12}$$

$$-\frac{7}{12}$$

Jan 4-3:43 PM

Subtract. Write each answer in simplest form.

$$5\frac{1}{8} - 2\frac{5}{8} + \frac{4}{8} = \frac{9}{8} - \frac{25}{8} - \frac{5}{8} = \frac{9}{8}$$

Jan 4-3:43 PM

Subtract. Write each answer in simplest form.

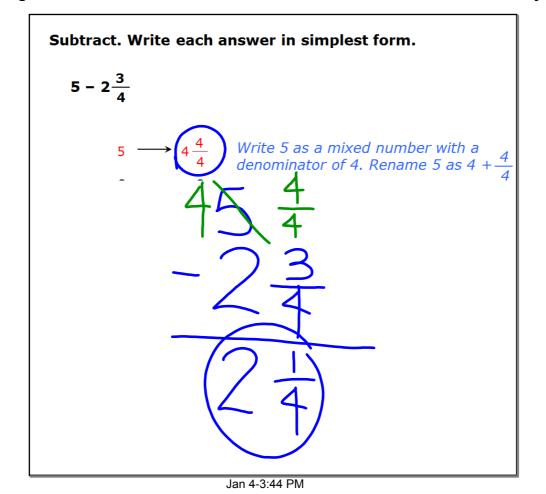
$$7\frac{\frac{1}{6} - 3\frac{7}{12}}{6} - \frac{1}{4} = \frac{2}{12} + \frac{2}{12} = \frac{4}{12}$$

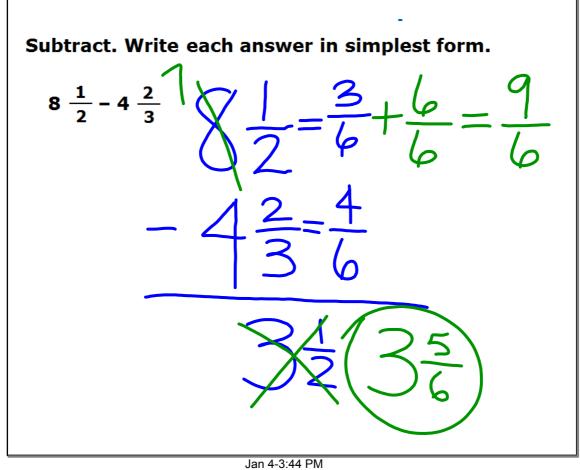
$$-3\frac{7}{12}$$

$$-3\frac{7}{12}$$

$$3\frac{7}{12}$$

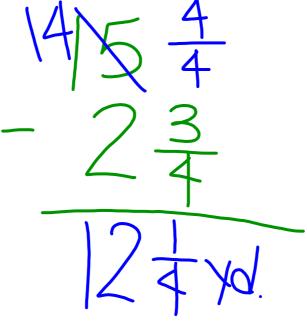
Jan 4-3:44 PM





Li is making a quilt. She needs 15 yards of fabric.

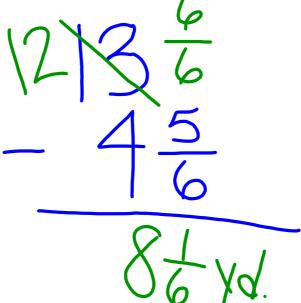
Li has $2\frac{3}{4}$ yards of fabric. How many more yards does she need?



Jan 4-3:44 PM

Peggy is making curtains. She needs 13 yards of fabric.

Peggy has $4\frac{5}{6}$ yards of fabric. How many more yards does she need?



Jan 4-3:44 PM