

40.)

$$\frac{1 \text{ gal}}{\frac{2}{3} \text{ c.}} = \frac{n}{5\frac{1}{4} \text{ c.}}$$

$$5\frac{1}{4}(1) = \frac{2}{3}n$$

$$7 \text{ batches} = n$$

58.)

$$-60 \div 4 = y$$

15 yds each penalty

$$\textcircled{-15}$$

## 3-5 Adding and Subtracting Like Fractions

Like - fractions w/ same denominator

- Add or subtract the numerators
- Denominators stay same.
- Reduce or simplify

$$\frac{5}{8} + \left(-\frac{7}{8}\right)$$
$$\frac{5-7}{8} = -\frac{2}{8} = \left(-\frac{1}{4}\right)$$

$$1\frac{3}{4} + 4\frac{3}{4} = 5\frac{6}{4} = 6\frac{1}{2}$$

$$\frac{7}{4} + \frac{19}{4} = \frac{26}{4} = 6\frac{2}{4} = 6\frac{1}{2}$$

}

$$x - y \quad x = 9\frac{3}{8} \quad y = 5\frac{5}{8}$$

$$\cancel{9}^8 \frac{3}{8} + \frac{8}{8} = \frac{11}{8}$$

$$\begin{array}{r} - 5\frac{5}{8} \\ \hline 3\frac{6}{8} = 3\frac{3}{4} \end{array}$$

$$\frac{75}{8} - \frac{45}{8} = \frac{30}{8}$$

$$3\frac{6}{8} = 3\frac{3}{4}$$

$$\frac{1y}{8} + \frac{5y}{8} = \frac{6y}{8} = \frac{3y}{4}$$

$$\frac{3x}{7} - \frac{5x}{7} = \frac{3x-5x}{7} = \frac{-2x}{7}$$

$$\frac{x}{5} + \frac{4x}{5} = \frac{x+4x}{5} = \frac{5x}{5} = x$$