

Algebra I

CLASSNOTES: Monday 9-17-12

(2)

$$\begin{array}{r} r - 17 = -35 \\ +17 \quad +17 \end{array}$$

$$\boxed{r = -18}$$

CK

$$\begin{array}{r} (-18) - 17 \stackrel{?}{=} -35 \\ -35 \stackrel{?}{=} -35 \checkmark \end{array}$$

(4)

$$\begin{array}{r} -28 = -19 - x \\ +19 \quad +19 \end{array}$$

$$-9 = -x$$

$$9 = x$$

$$\boxed{x = 9}$$

CK

$$\begin{array}{r} -28 \stackrel{?}{=} -19 - (9) \\ -28 \stackrel{?}{=} -28 \checkmark \end{array}$$

(10)

$$\begin{array}{r} N - \frac{5}{8} = -\frac{17}{16} \\ +\frac{5}{8} \quad +\frac{5}{8} \end{array}$$

$$\boxed{N = -\frac{7}{16}}$$

$$\begin{array}{r} -\frac{17}{16} + \frac{5}{8} \\ -\frac{17}{16} + \frac{10}{16} = -\frac{7}{16} \end{array}$$

CK

$$\begin{array}{r} (-\frac{7}{16}) - \frac{5}{8} \stackrel{?}{=} -\frac{17}{16} \\ -\frac{7}{16} - \frac{10}{16} \stackrel{?}{=} -\frac{17}{16} \checkmark \end{array}$$

(20)

$$\frac{2}{1} = -\frac{12}{7}p$$

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

$$\boxed{-\frac{7}{6} = p}$$

$$\left\{ \begin{array}{l} -\frac{7}{6} \cdot \frac{2}{1} \\ +12 \\ \hline = -\frac{17}{6} \end{array} \right.$$

$$\text{ck } 2 \stackrel{?}{=} -\frac{12}{7} \left(-\frac{7}{6} \right) \checkmark$$
