

Weds 9-5-12

Alg I CLASSNOTES

⑨

$$\frac{2}{7}j - \frac{1}{7} = \frac{3}{14}$$

$$+ \frac{1}{7}$$

$$\left\{ \begin{array}{l} \frac{3}{14} + \frac{1}{7} \\ \frac{3}{14} + \frac{2}{14} = \frac{5}{14} \end{array} \right.$$

$$\frac{2}{7}j$$

$$= \frac{5}{14}$$

$$j$$

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

$$j = \frac{5}{4}$$

ck $\frac{2}{7} \left(\frac{5}{4} \right) - \frac{1}{7} = \frac{3}{14}$

$$\frac{5}{14} - \frac{2}{14} = \frac{3}{14} \checkmark$$

$$\textcircled{9} \quad 14 \left(\frac{2j}{7} - \frac{1}{7} \right) = \frac{3}{14} \cdot 14$$

$$\begin{array}{ccc} \downarrow & & \\ 4j - 2 & = & 3 \\ +2 & & +2 \end{array}$$

$$\frac{4j}{4} = \frac{5}{4}$$

$$j = \frac{5}{4}$$

$$\textcircled{ex} \quad 12 \left(\frac{5j}{12} - \frac{3}{4} \right) = \frac{1}{6} \cdot 12$$

$$5j - 9 = 2$$

$$\frac{3}{12} \cdot \frac{3}{4}$$

$$\frac{1}{6} \cdot \frac{12}{1}$$

$$\textcircled{Ex} \quad 15 \left(\frac{2}{15}x - \frac{3}{5} \right) = \frac{1}{15} \cdot 15$$

$$2x - 9 = 1$$

$$\textcircled{Ex} \quad \frac{4}{9}x - \frac{2}{3} = \frac{7}{18}$$

$$8x - 12 = 7$$
