

L22 Multiply + Divide Fractions

S: fraction, no whole/mixed #'s
 $4 \rightarrow \frac{4}{1}$ $1\frac{2}{3} \rightarrow \frac{5}{3}$ Δ improper

O: $\frac{n \times n}{d \times d}$ / KCF
keep change flip

S: reduce to lowest terms, improper \rightarrow mixed #

Mixed \rightarrow Improper

$$W \frac{n}{d}$$

$$\rightarrow \frac{(W \times d) + n}{d}$$

$$3\frac{2}{5} = \frac{(3 \times 5) + 2}{5}$$

5/15

CROSS CANCEL

$$\frac{\overset{\cancel{2}}{6} \overset{\cancel{2}}{\cancel{3}}}{\cancel{8}} \times \frac{7}{\overset{\cancel{3}}{9} \cancel{3}} \times \frac{\overset{\cancel{1}}{\cancel{15}}}{\overset{\cancel{2}}{24} \overset{\cancel{2}}{\cancel{12}}} = \frac{7}{12}$$

$$\frac{\overset{\cancel{2}}{3} \overset{\cancel{2}}{\cancel{3}}}{\cancel{3} \times \cancel{3}} \div \frac{1}{2}$$

$$\frac{11}{3} \div \frac{3}{2} = \frac{11}{3} \cdot \frac{2}{3} = \frac{22}{9}$$

$$\begin{array}{r} 2 \frac{4}{9} \\ 9 \overline{) 22} \\ \underline{18} \\ 4 \\ \underline{4} \\ 0 \end{array}$$

L22 # tres - seis, veintisiete

L23 Pset g-j, #Cuatro-diesiseis,
veintinueve, treinta