

$$132. \quad \frac{10}{16} = \frac{5}{8}$$

$$133. \quad \frac{12}{20} = \frac{6}{10} = \frac{3}{5}$$

$$134. \quad \frac{24}{27} = \frac{8}{9}$$

$$135. \quad \frac{30}{48} = \frac{5}{8}$$

$$136. \quad \frac{56}{72} = \frac{7}{9}$$

$$137. \quad \frac{3}{8} + \frac{4}{8} = \frac{7}{8}$$

$$138. \quad \frac{3}{7} + \frac{3}{8} = \frac{24}{56} + \frac{21}{56} = \frac{45}{56}$$

$$139. \quad \frac{4}{10} + \frac{6}{15} = \frac{12}{30} + \frac{12}{30} = \frac{24}{30} = \frac{4}{5}$$

$$140. \quad 9\frac{7}{11} + 10\frac{15}{11} = 19\frac{22}{11} = 21$$

$$141. \quad 7\frac{5}{6} + 7\frac{4}{5} = 7\frac{25}{30} + 7\frac{24}{30} = 14\frac{49}{30} = 15\frac{19}{30}$$

+ - , comm den.

# Fractions

$$142. \quad \frac{11}{14} - \frac{5}{14} = \frac{6}{14} = \boxed{\frac{3}{7}}$$

$$143. \quad \frac{5}{7} - \frac{4}{9} = \frac{45}{63} - \frac{28}{63} = \boxed{\frac{17}{63}}$$

$$147. \quad \frac{7}{10} \cdot \frac{6}{7} = \frac{42}{70} = \frac{6}{10} = \boxed{\frac{3}{5}}$$

$$148. \quad \frac{9}{16} \cdot \frac{12}{18} \quad \text{reduce 1st easier}$$

$$\frac{9}{16} \cdot \frac{6}{9} = \frac{9}{16} \cdot \frac{2}{3} = \frac{18}{48} = \boxed{\frac{3}{8}}$$

$$149. \quad \frac{8}{13} \cdot \frac{5}{8} \cdot \frac{1}{5} = \frac{40}{520} = \frac{2}{26} = \boxed{\frac{1}{13}} \quad \frac{1340}{520}$$

$$150. \quad 7\frac{1}{2} \cdot 9\frac{4}{9} = \frac{15}{2} \cdot \frac{85}{9} = \frac{1275}{18} \quad \text{finish! put into a mixed \#}$$

$$\begin{array}{r} 70 \\ 18 \overline{) 1275} \\ \underline{126} \phantom{0} \\ 15 \end{array}$$

$$63 \frac{1}{2} \cdot \frac{4}{9} = \frac{4}{18}$$

$$\begin{array}{r} 85 \\ 15 \\ \hline 425 \\ 85 \\ \hline 1275 \end{array}$$

$$\frac{15}{2} \cdot \frac{85}{9} = \frac{1275}{18} = \boxed{70 \frac{15}{18}}$$

$$\begin{array}{r} 70 \frac{15}{18} \\ 18 \overline{) 1275} \\ \underline{126} \phantom{0} \\ 15 \end{array}$$

X mult top + btm  
 ÷ invert 1 and mult.  
 ex.  $\frac{2}{3} \div \frac{1}{4} = \frac{2}{3} \cdot \frac{4}{1} = \frac{8}{3}$