

41. $9\frac{5}{18} \rightarrow 9\frac{10}{36} \rightarrow 8\frac{46}{36}$
 $-1\frac{3}{4} \rightarrow -1\frac{27}{36} \rightarrow -1\frac{27}{36}$
 $7\frac{19}{36}$

LCD
 $18 = 2 \cdot 3 \cdot 3$
 $4 = 2 \cdot 2$
 $LCD = 2 \cdot 2 \cdot 3 \cdot 3$
 $= 36$

42. $10\frac{1}{3} \rightarrow 10\frac{3}{9} \rightarrow 9\frac{12}{9}$
 $-2\frac{5}{9} \rightarrow -2\frac{5}{9} \rightarrow -2\frac{5}{9}$
 $7\frac{7}{9}$

LCD
 $3 = 3$
 $9 = 3 \cdot 3$
 $LCD = 3 \cdot 3$
 $= 9$

43. $\frac{5}{3} \times \frac{12}{10}$
 $\frac{5}{1} \times \frac{4}{5}$
 $\frac{5}{1} \times \frac{2}{5}$
 $\frac{1}{1} \times \frac{2}{1}$
 $= \frac{2}{1}$
 $= 2$

MULTIPLYING FRACTIONS

① SIMPLIFY: IF YOU CAN DIVIDE A NUMBER ON TOP OF ANY FRACTION AND A NUMBER ON BOTTOM OF ANY FRACTION BY A NUMBER, DO SO

② MULTIPLY TOPS, MULTIPLY BOTTOMS

③ SIMPLIFY IF NECESSARY

44. $\frac{20}{5} \times \frac{10}{12}$
 $\frac{20}{1} \times \frac{2}{12}$
 $\frac{20}{1} \times \frac{1}{6}$

$\frac{10}{1} \times \frac{1}{3}$
 $\frac{10}{3}$
 $3\frac{1}{3}$