

2
3
5
7
11

① $-\frac{54}{60}$
 $= -\frac{27}{30}$
 $= -\frac{9}{10}$

② $\frac{6}{8} \cdot \frac{14}{24}$
 $\frac{1}{8} \cdot \frac{14}{4}$
 $\frac{1}{4} \cdot \frac{7}{4}$
 $\frac{7}{16}$

STEP 1: SIMPLIFY FRACTIONS
IF YOU CAN DIVIDE A NUMBER
IN ANY NUMERATOR AND A NUMBER
IN ANY DENOMINATOR BY THE
SAME #, DO SO

STEP 2: MULTIPLY TOPS
MULTIPLY BOTTOMS

③ $8 \cdot \frac{3}{16}$
 ~~$\frac{8}{1} \cdot \frac{3}{16}$~~
 $\frac{1}{1} \cdot \frac{3}{2}$
 $\frac{3}{2}$

④ $\frac{7}{8}$
RECIPROCAL
 $\frac{8}{7}$

⑤ $\frac{5}{2} \div \left(\frac{-8}{15}\right)$
 $\frac{5}{2} \cdot \frac{15}{-8}$

STEP 1: REWRITE AS
MULTIPLICATION
"FRACTION FOLLOWING
DIVISION SYMBOL IS
FLIPPED"

STEP 2: MULTIPLY

$\frac{75}{-16}$

⑥ $\frac{12}{10} \div \frac{24}{15}$
① ~~$\frac{12}{10} \cdot \frac{15}{24}$~~
② ~~$\frac{16}{5} \cdot \frac{15}{24}$~~

$\frac{1}{5} \cdot \frac{3}{4}$
 $\frac{1}{1} \cdot \frac{3}{4}$
③ $\frac{3}{4}$

⑦ $-3 \div \frac{5}{6}$
 $-\frac{3}{1} \div \frac{5}{6}$
 $-\frac{3}{1} \cdot \frac{6}{5}$
 $\frac{-18}{5}$

⑧ $\frac{3}{7} - \left(-\frac{11}{7}\right)$
 $\frac{3}{7} + \frac{11}{7}$
 $\frac{14}{7}$
②

"SAME DENOM"
① ADD/SUB. TOPS
② SIMPLIFY

⑨ $2 - \frac{2}{5}$
 $\frac{2}{1} - \frac{2}{5}$
 $\frac{2 \cdot 5}{5} - \frac{2}{5}$
 $\frac{10}{5} - \frac{2}{5}$
 $\frac{8}{5}$

"DIFF DENOM"

STEP 1: GET SAME DENOMS
STEP 2: ADD/SUB. TOPS
STEP 3: SIMPLIFY