STEP 5 : SOLVE PROBLEMS WITH DECIMALS

If $8.7 \times 54 = 469.8$, find the value of

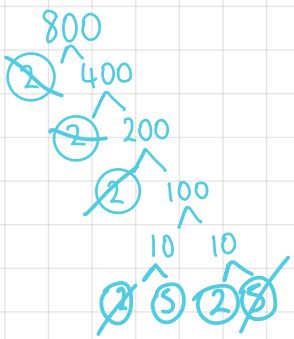
a) 8.7×540 b) 8.7×0.54 c) $469.8 \div 5.4$

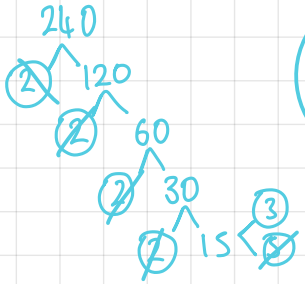
4698 4.698 87

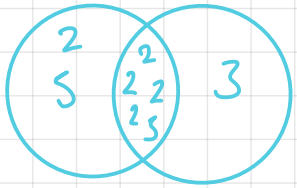
STEP 6 : HCF & LCM

Find the HCF & LCM of

800 and 240







HCF = 80

LCM = 2400

STEP 7 : FOUR OPERATIONS WITH FRACTIONS

1) $3\frac{2}{3} + 5\frac{7}{8}$

$3+5=8$

$\frac{7}{8} + \frac{2}{3}$

$\frac{21}{24} + \frac{16}{24} = \frac{37}{24}$

$9\frac{13}{24}$

2) $9\frac{2}{5} - 3\frac{7}{8}$

$9-3=6$

$\frac{2}{5} - \frac{7}{8}$

$5\frac{21}{40}$

$\frac{16}{40} - \frac{35}{40} = \frac{-19}{40}$

3) $7\frac{1}{2} \times 2\frac{1}{3}$

$7 \times 2 = 14$

$\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$

$14\frac{1}{6}$

4) $7\frac{3}{4} \div 2\frac{2}{3}$

$\frac{31}{4} \div \frac{8}{3}$

$\frac{31}{4} \times \frac{3}{8} = \frac{93}{32}$

STEP 8 NUMBERS IN STANDARD FORM

1) $(6 \times 10^5) \times (8 \times 10^4)$

$48 \times 10^9 \rightarrow 4.8 \times 10^{10}$

2) $(6 \times 10^5) - (8 \times 10^4)$

$600000 - 80000 = 520000$ 5.2×10^5

3) $\frac{9 \times 10^{-2}}{3000}$

3×10^{-5}

4) $\frac{4.5 \times 10^6}{5000}$

9×10^2