

C.W
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Exercise - 9 (1)

Q3 > Reduce the following fractions to their lowest form:

a > $\frac{68}{136} = \frac{\cancel{68}^4}{\cancel{136}_8} = \frac{2}{4} = \frac{1}{2}$ (Lowest form)

b > $\frac{100}{119} = \frac{\cancel{100}^6}{\cancel{119}_7} = \frac{6}{17}$ (Lowest form)

c > $\frac{153}{204} = \frac{\cancel{153}^3}{\cancel{204}_{68}} = \frac{3}{84} = \frac{3}{4}$ (Lowest form)

d > $\frac{129}{243} = \frac{\cancel{129}^{43}}{\cancel{243}_{81}} = \frac{43}{81}$ (Lowest form)

e > $\frac{154}{238} = \frac{\cancel{154}^{22}}{\cancel{238}_{34}} = \frac{22}{17} = \frac{11}{17}$ (Lowest form)

f > $\frac{198}{297} = \frac{\cancel{198}^{66}}{\cancel{297}_{99}} = \frac{66}{33} = \frac{22}{3}$ (Lowest form)

g > $\frac{117}{189} = \frac{\cancel{117}^{13}}{\cancel{189}_{21}} = \frac{13}{21}$ (Lowest form)

h > $\frac{304}{368} = \frac{\cancel{304}^{152}}{\cancel{368}_{184}} = \frac{152}{184} = \frac{76}{92} = \frac{38}{46} = \frac{19}{23}$ (Lowest form)

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i > $\frac{115}{345} = \frac{\cancel{115}^{23}}{\cancel{345}_{15}} = \frac{23}{69} = \frac{1}{3}$ (Lowest form)

j > $\frac{160}{720} = \frac{\cancel{160}^2}{\cancel{720}_{360}} = \frac{2}{360} = \frac{1}{180}$ (Lowest form)

Q4 > Tick (✓) the fractions which are proper fractions:

a > $\frac{13}{16}$ (✓) b > $\frac{8}{7}$ (✗) c > $\frac{17}{8}$ (✗)

d > $\frac{23}{25}$ (✓) e > $\frac{38}{4}$ (✗) f > $\frac{48}{50}$ (✗)

g > $\frac{25}{21}$ (✗) h > $\frac{1}{7}$ (✓) i > $\frac{45}{9}$ (✗)

j > $\frac{63}{65}$ (✓)