

3. Reduce the following fraction to their lowest term.

a. $\frac{68}{136} = \frac{\overset{34}{\cancel{68}}}{\underset{68}{\cancel{136}}} = \frac{\overset{17}{\cancel{34}}}{\underset{34}{\cancel{68}}} = \frac{\overset{1}{\cancel{17}}}{\underset{2}{\cancel{34}}} = \frac{1}{2}$

b. $\frac{102}{119} = \frac{102 \div 17}{119 \div 17} = \frac{6}{7}$

c. $\frac{153}{204} = \frac{\overset{51}{\cancel{153}}}{\underset{63}{\cancel{204}}} = \frac{\overset{3}{\cancel{51}}}{\underset{4}{\cancel{63}}} = \frac{3}{4}$

d. $\frac{129}{243} = \frac{129 \div 3}{243 \div 3} = \frac{43}{81}$

e. $\frac{154}{238} = \frac{\overset{77}{\cancel{154}}}{\underset{119}{\cancel{238}}} = \frac{\overset{11}{\cancel{77}}}{\underset{17}{\cancel{119}}} = \frac{11}{17}$

f. $\frac{198}{297} = \frac{198 \div 9}{297 \div 9} = \frac{22 \div 11}{33 \div 11} = \frac{2}{3}$

g. $\frac{117}{189} = \frac{117 \div 9}{189 \div 9} = \frac{13}{21}$

h. $\frac{204}{268} = \frac{204 \div 4}{268 \div 4} = \frac{51 \div 3}{67 \div 1} = \frac{17}{67}$

4. Tick (✓) the following fraction to their lowest form:

~~(a)~~ $\frac{13}{16}$ (b) $\frac{102}{119}$ (c) $\frac{17}{8}$ ~~(d)~~ $\frac{33}{25}$ (e) $\frac{30}{4}$

~~(f)~~ $\frac{48}{50}$ (g) $\frac{25}{21}$ ~~(h)~~ $\frac{1}{7}$ (i) $\frac{45}{9}$ ~~(j)~~ $\frac{63}{65}$