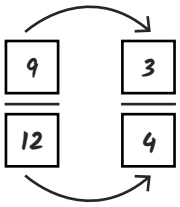
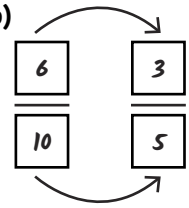
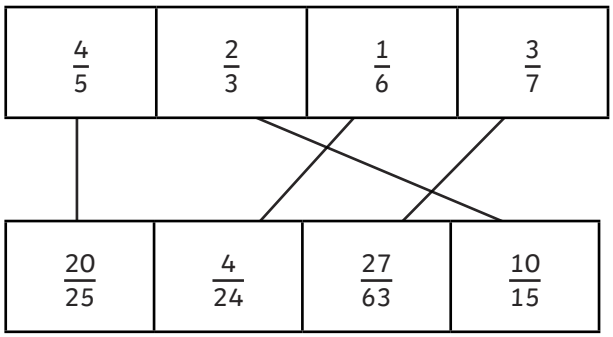
1) a)



b)



2)



1) *This is incorrect.*

$\frac{10}{12}$ is equivalent to $\frac{30}{36}$ but to simplify it completely, the correct answer is $\frac{5}{6}$.

2) *Marlon is correct.*

$\frac{10}{24}$ simplifies to $\frac{5}{12}$.

1) *Children should find all multiples of 30 that are divisible by 8 to find possible denominators, e.g. 120, 240, 360, 480, 600, 720, 840, 960.*

They should then use understanding of multiples and equivalent fractions to find all the possible fractions:

$\frac{45}{120}$ $\frac{90}{240}$ $\frac{135}{360}$ $\frac{180}{480}$ $\frac{225}{600}$ $\frac{270}{720}$ $\frac{315}{840}$ $\frac{360}{960}$

2) $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{1}{6}$, $\frac{1}{7}$, $\frac{1}{8}$, $\frac{1}{9}$, $\frac{1}{10}$, $\frac{1}{11}$, $\frac{1}{12}$

$\frac{2}{3}$, $\frac{2}{5}$, $\frac{2}{7}$, $\frac{2}{9}$, $\frac{2}{11}$

$\frac{3}{4}$, $\frac{3}{5}$, $\frac{3}{7}$, $\frac{3}{8}$, $\frac{3}{10}$, $\frac{3}{11}$

$\frac{4}{5}$, $\frac{4}{7}$, $\frac{4}{9}$, $\frac{4}{11}$

$\frac{5}{6}$, $\frac{5}{7}$, $\frac{5}{8}$, $\frac{5}{9}$, $\frac{5}{11}$, $\frac{5}{12}$

$\frac{6}{7}$, $\frac{6}{11}$

$\frac{7}{8}$, $\frac{7}{9}$, $\frac{7}{10}$, $\frac{7}{11}$, $\frac{7}{12}$

$\frac{8}{9}$, $\frac{8}{11}$

$\frac{9}{10}$, $\frac{9}{11}$

$\frac{10}{11}$, $\frac{11}{12}$

All the fractions that cannot be simplified will have at least one odd number. Fractions with a numerator of 1 (unit fractions) cannot be simplified.