



- 1) a) $\frac{5}{8} + \frac{1}{4} = \frac{5}{8} + \frac{2}{8} = \frac{7}{8}$
 b) $\frac{2}{6} + \frac{4}{12} = \frac{4}{12} + \frac{4}{12} = \frac{8}{12}$ ($= \frac{2}{3}$ as a simplified fraction)
 c) $\frac{1}{2} + \frac{3}{10} = \frac{5}{10} + \frac{3}{10} = \frac{8}{10}$ ($= \frac{4}{5}$ as a simplified fraction)
- 2) a) $\frac{7}{9}$
 b) $\frac{9}{10}$
 c) $\frac{7}{8}$



- 1) a) False: $\frac{2}{8} + \frac{1}{4} = \frac{2}{8} + \frac{2}{8} = \frac{4}{8}$
 b) True: $\frac{4}{7} + \frac{2}{14} = \frac{8}{14} + \frac{2}{14} = \frac{10}{14}$
 c) True: $\frac{2}{5} + \frac{3}{15} = \frac{6}{15} + \frac{3}{15} = \frac{9}{15}$
 d) False: $\frac{2}{12} + \frac{2}{3} = \frac{2}{12} + \frac{8}{12} = \frac{10}{12}$
- 2) Harvey ate $\frac{2}{6}$ which is equivalent to $\frac{4}{12}$, so he ate 4 slices.
 Jacques ate $\frac{1}{4}$ which is equivalent to $\frac{3}{12}$, so he ate 3 slices.
 Harvey ate the most pizza.



- 1) $\frac{2}{12}$ are green.
 $\frac{1}{6}$ are blue, which is equivalent to $\frac{2}{12}$.
 $\frac{1}{3}$ are white, which is equivalent to $\frac{4}{12}$.
 $\frac{2}{12} + \frac{2}{12} + \frac{4}{12} = \frac{8}{12}$
 This leaves $\frac{4}{12}$ which are red and yellow.
 There are 3 possibilities:

Yellow	Red
$\frac{1}{12}$	$\frac{3}{12}$
$\frac{2}{12}$	$\frac{2}{12}$
$\frac{3}{12}$	$\frac{1}{12}$

- 2) Possible solutions:

$$\frac{4}{20} + \frac{2}{10} = \frac{8}{20}$$

$$\frac{4}{10} + \frac{4}{10} = \frac{8}{10}$$

$$\frac{4}{20} + \frac{6}{10} = \frac{8}{10}$$

$$\frac{4}{40} + \frac{7}{10} = \frac{8}{10}$$

$$\frac{4}{5} + \frac{0}{10} = \frac{8}{10}$$