

Orange



1) Are these statements true or false? Prove it!

a) $\frac{2}{8} + \frac{1}{4} = \frac{3}{12}$

b) $\frac{4}{7} + \frac{2}{14} = \frac{10}{14}$

c) $\frac{2}{5} + \frac{3}{15} = \frac{9}{15}$

d) $\frac{2}{12} + \frac{2}{3} = \frac{4}{15}$

2) Harvey and Jaques are having a pizza which is cut into 12 slices. Harvey eats $\frac{2}{6}$ and Jaques eats $\frac{1}{4}$. How many slices of the pizza did they each eat and who ate the most?





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.