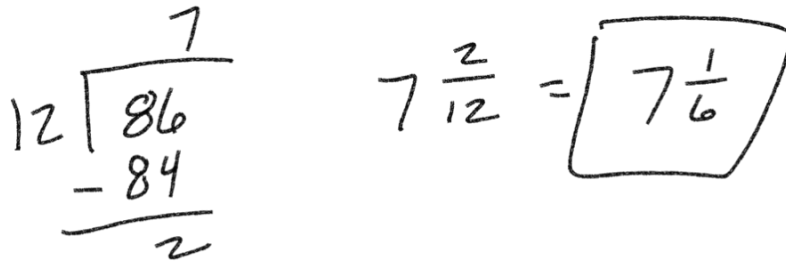


5.) Nate ate 86 pizzas in 12 days. Write the number of pizzas he ate per day as a mixed number



1.) $\frac{3}{8} + \frac{2}{8} = \frac{5}{8}$

2.) $\frac{7}{9} - \frac{4}{9} = \frac{3}{9} = \frac{1}{3}$

3.) $\frac{5}{6} + \frac{4}{6} = \frac{9}{6} \div 3 = \frac{3}{2}$ *improper fraction* $\frac{3}{2} = 1 \frac{1}{2}$

$2 \overline{) 3} = 1 \frac{1}{2}$

4.) $\frac{7}{8} - \frac{1}{8} = \frac{6}{8} \div 2 = \frac{3}{4}$

$$4\frac{4}{6} + 3\frac{1}{6} = 7\frac{5}{6}$$

$4 + 3 = 7$
 $\frac{4}{6} + \frac{1}{6} = \frac{5}{6}$

$$5\frac{7}{8} + 3\frac{5}{8}$$

$5 + 3 = 8$
 $\frac{7}{8} + \frac{5}{8} = \frac{12}{8} = 1\frac{4}{8} = 1\frac{1}{2}$

$8\frac{12}{8}$

$8 + 1\frac{1}{2} = 9\frac{1}{2}$

$$\frac{12}{8} \Rightarrow 8 \overline{)12} \begin{array}{r} 1 \\ -8 \\ \hline 4 \end{array} \quad 1\frac{4}{8}$$

$$8 + 1\frac{1}{2} = 9\frac{1}{2}$$

$$7\frac{3}{4} - 5\frac{1}{4} = 2\frac{1}{2}$$

$7 - 5 = 2$
 $\frac{3}{4} - \frac{1}{4} = \frac{2}{4} = \frac{1}{2}$

$$8\frac{1}{6} - 5\frac{3}{6} = 2\frac{2}{3}$$

$8 - 5 = 3$
 $\frac{1}{6} - \frac{3}{6} = -\frac{2}{6}$

$$7\frac{7}{6} - 5\frac{3}{6} = 2\frac{2}{3}$$

$7 - 5 = 2$
 $\frac{7}{6} - \frac{3}{6} = \frac{4}{6} = \frac{2}{3}$

$$1.) \quad 6\frac{2}{3} + 3\frac{2}{3} = 10\frac{1}{3}$$

9 $\frac{4}{3}$ $3 \sqrt{\frac{4}{3}}$ $1\frac{1}{3}$

$\begin{array}{r} 4 \\ -3 \\ \hline 1 \end{array}$

$$2.) \quad 7\frac{1}{8} + 5\frac{3}{8} = 12\frac{1}{2}$$

12 $\frac{4 \div 4}{8 \div 4} = \frac{1}{2}$

$$3.) \quad 9\frac{2}{9} - 4\frac{5}{9} = 4\frac{2}{3}$$

8 9

$8\frac{11}{9} - 4\frac{5}{9}$

4 $\frac{6 \div 3}{9 \div 3} = \frac{2}{3}$

$$4.) \quad 12\frac{5}{6} - 8\frac{2}{6} = 4\frac{1}{2}$$

4 $\frac{3 \div 3}{6 \div 3} = \frac{1}{2}$

Common denominator

$$\frac{8}{10} - \frac{2}{5}$$

$$\frac{8}{10} - \frac{4}{10} = \frac{4 \div 2}{10 \div 2}$$

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

$$10 = 10, 20, 30, 40, \dots \quad \boxed{\frac{2}{5}}$$

$$\frac{2}{5} = \frac{4}{10}$$

$$5 = 5, 10, 15, 20, 25, 30, 35, \dots$$

*2

$$\frac{6}{10} - \frac{2}{6}$$

$$\frac{6}{10} \stackrel{*3}{=} \frac{18}{30}$$

10: 10, 20, 30, 40, ...

$$\frac{2}{6} \stackrel{*5}{=} \frac{10}{30}$$

6: 6, 12, 18, 24, 30, 36

$$\frac{6}{10} - \frac{2}{6}$$

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$$\frac{18}{30} - \frac{10}{30} = \frac{8}{30} \div 2 = \frac{4}{15}$$