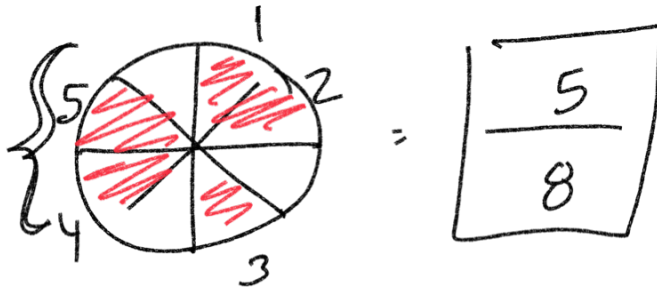
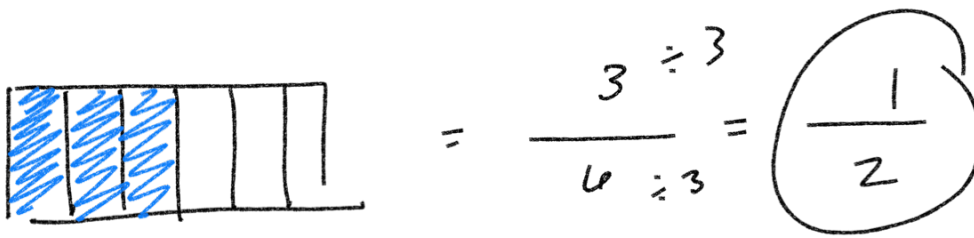


T-MF Math Fundamentals Week 10



$\frac{4}{8} \div 2 = \frac{2}{4} \div 2 = \frac{1}{2}$ $\frac{3}{12} \div 3 = \frac{1}{4}$

$\frac{4}{8} \div 4 = \frac{1}{2}$ $\frac{5}{10} \div 5 = \frac{1}{2}$

Improper Fraction

$\frac{18}{8}$

whole number

denominator

numerator

RIP

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

$\frac{18}{8} = \frac{10}{2} + \frac{8}{2} = 5 + 4 = 9$

$2 \frac{1}{4}$

$$\frac{24}{9}$$

$$9 \overline{)24} \\ \underline{-18} \\ 6$$

$$\rightarrow \frac{74}{8}$$

$$8 \overline{)74} \\ \underline{-72} \\ 2$$

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

$$9 \frac{2 \div 2}{8 \div 2}$$

$$\boxed{9 \frac{1}{4}}$$

$$\boxed{2 \frac{2}{3}}$$

$$\frac{3}{6} + \frac{1}{6}$$

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

$$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} = \frac{4}{6}$$

$$\frac{7}{8} - \frac{3}{8} = \frac{7-3}{8} = \frac{4}{8} \div 4 = \left(\frac{1}{2}\right)$$

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

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

$$\frac{6}{7} + \frac{1}{7} = \frac{7}{7} = 1$$

$$\frac{5}{12} + \frac{4}{12} = \frac{9}{12} = \frac{3}{4}$$

$$\frac{3}{4}$$

$$\begin{array}{r} 8\frac{3}{4} \\ + 4\frac{2}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 8 + 4 \\ \hline 12 \end{array}$$

$$12 + 1\frac{1}{4} = 13\frac{1}{4}$$

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

$$\begin{array}{r} 5\frac{5}{7} \\ + 3\frac{3}{7} \\ \hline \end{array}$$

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

$$8 + 1\frac{1}{7} = 9\frac{1}{7}$$

$$\begin{array}{r} 9 \frac{4}{6} \\ - 3 \frac{1}{6} \\ \hline \end{array}$$

$$6 \frac{\textcircled{3}}{6} \div 3$$

$$\boxed{6 \frac{1}{2}}$$

$$\begin{array}{r} 7 \frac{2}{9} + \frac{9}{9} - \textcircled{82} \\ - 5 \frac{4}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 7 \frac{11}{9} \\ - 5 \frac{4}{9} \\ \hline \end{array}$$

$$\boxed{2 \frac{7}{9}}$$

$$\begin{array}{r} \frac{7}{7} \quad \begin{array}{l} 7 \textcircled{1} + 7 \\ \textcircled{8} \textcircled{7} \end{array} \\ - 4 \frac{\textcircled{5}}{7} \\ \hline \end{array}$$

$$\begin{array}{r} \textcircled{7} \\ - 45 \\ \hline \boxed{36} \end{array}$$

$$\begin{array}{r} 7 \frac{8}{7} \\ - 4 \frac{5}{7} \\ \hline \boxed{3 \frac{3}{7}} \end{array}$$

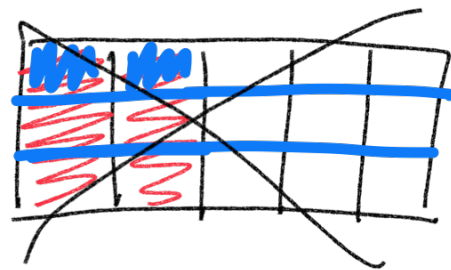
$$\begin{array}{r} 6 \frac{1}{6} + \frac{6}{6} \\ - 6 \frac{5}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 6 \frac{7}{6} \\ - 6 \frac{5}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 0 \frac{2 \div 2}{6 \div 2} \\ \hline \boxed{\frac{1}{3}} \end{array}$$

$$\frac{2}{5} - \frac{1}{3}$$

$$\frac{2 \cdot 3}{5 \cdot 3} - \frac{1 \cdot 5}{3 \cdot 5}$$



$$\cancel{\frac{2}{15}}$$

$$\frac{6}{15} - \frac{5}{15} = \frac{1}{15}$$

Common denominator

$$\frac{4}{5} - \frac{1}{2}$$

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

$$\frac{1}{2} = \frac{5}{10}$$

$$\frac{4}{5} - \frac{1}{2}$$

$$\frac{8}{10} - \frac{5}{10} = \frac{3}{10}$$

$$\frac{10}{12} + \frac{1}{2} \quad \begin{array}{l} \frac{1}{2} \xrightarrow{\times 6} \frac{3}{6} \\ \frac{10}{12} \xrightarrow{\times 6} \frac{5}{6} \end{array}$$

$$\frac{10}{12} + \frac{6}{12} = \frac{16}{12} \xrightarrow{\div 4} \frac{4}{3}$$

$$1\frac{4}{12} = 1\frac{1}{3}$$

$$\frac{3}{6} \cdot \frac{8}{8} + \frac{3}{8} \cdot \frac{6}{6}$$

$$\frac{24}{48} + \frac{18}{48} = \frac{42}{48} \xrightarrow{\div 6} \frac{7}{8}$$

$$\frac{4}{5} - \frac{5}{12}$$

$$\frac{48}{60} - \frac{25}{60} = \frac{23}{60}$$

$$\frac{5}{6} - \frac{6}{12} \quad \frac{5}{6} - \frac{1}{2} \quad \frac{5}{6} - \frac{3}{6}$$

$$\frac{10}{12} - \frac{6}{12} = \frac{4}{12} \xrightarrow{\div 4} \frac{1}{3}$$

$$\frac{2}{6} - \frac{1}{3}$$

5: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65

12: 12, 24, 36, 48, 60

$\frac{4}{5} = \frac{48}{60}$

$$\frac{5}{12} = \frac{25}{60}$$

Quiz 9 due Nov 17th HW Packet 3 pg 6, 7, 8 evens
 SUPPLEMENTAL WS
 Online HW 10 (Thurs)
 Quiz 10 (Thurs) due by Nov 24th

