

T-MF Math Fundamentals Week 14

- Keep first term

- Change sign
 $\div \rightarrow *$

- Flip 2nd term

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

↓ ↓ ↓ flip $\left(\frac{2}{1}\right) \rightarrow \frac{1}{2}$

$$\frac{1}{3} * \frac{1}{2} = \boxed{\frac{1}{6}}$$

$$\frac{1}{4} \div \frac{3}{1}$$

↓ ↓ ↓

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

$$\frac{1}{2} \div \frac{7}{1}$$

↓ ↓ ↓

$$\frac{1}{2} * \frac{1}{7} = \boxed{\frac{1}{14}}$$

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

↓ ↓ ↓ flip

$$\frac{6}{1} * \frac{3}{1} = \frac{18}{1} = \boxed{18}$$

$$\frac{3}{10} \div \frac{9}{5}$$

↓ ↓ ↓ flip

$$\frac{3}{10 \div 5} * \frac{5}{9} \div 5$$

$$\frac{3}{10} * \frac{5}{9} = \frac{15 \div 15}{90 \div 15} = \boxed{\frac{1}{6}}$$

$$\frac{3}{2} * \frac{1}{9} \div 3$$

$$\frac{1}{2} * \frac{1}{3} = \boxed{\frac{1}{6}}$$

$$\frac{8}{1} \div \frac{4}{5} \xrightarrow{\text{flip}} \frac{8}{1} * \frac{5}{4} = \frac{4}{1} * \frac{5}{2} = \frac{2}{1} * \frac{5}{1} = \frac{10}{1} = \boxed{10}$$

$$\frac{12}{5} \div \frac{18}{15} \xrightarrow{\text{cancel}} \frac{12}{5} * \frac{15}{18} = \frac{2}{1} * \frac{3}{3} = \frac{2}{1} * \frac{1}{1} = \frac{2}{1} = \boxed{2}$$

$$\frac{36}{21} \div \frac{9}{7} \xrightarrow{\text{cancel}} \frac{36}{21} * \frac{7}{9} = \frac{4}{3} * \frac{1}{1} = \frac{4}{3} = \boxed{\frac{4}{3}}$$

$$\frac{2}{9} \div \frac{4}{1} \xrightarrow{\text{cancel}} \frac{2}{9} * \frac{1}{4} = \frac{1}{9} * \frac{1}{2} = \frac{1}{18} = \boxed{\frac{1}{18}}$$

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

$$\frac{(7*4)+1}{4} = \frac{28+1}{4} = \frac{29}{4}$$

$$3 \frac{4}{8} = \frac{(3*8)+4}{8} = \frac{24+4}{8} = \frac{28}{8}$$

$$\frac{29}{4} \div \frac{28}{8}$$

$$\frac{29}{4} * \frac{8}{28} \quad \frac{29}{1} * \frac{2}{28}$$

$$\frac{29}{1} * \frac{1}{14} = \frac{29}{14}$$

$$\left(8 \frac{2}{3}\right) \div 5 \frac{2}{6}$$

$$\frac{(8*3)+2}{3} = \frac{24+2}{3} = \frac{26}{3}$$

$$5 \frac{2}{6} = \frac{(5*6)+2}{6} = \frac{30+2}{6} = \frac{32}{6}$$

$$\frac{26}{3} \div \frac{32}{6}$$

$$\frac{26}{3} * \frac{6}{32}$$

$$\frac{13}{3} * \frac{6}{16}$$

$$\frac{13}{1} * \frac{2}{16}$$

$$\frac{13}{1} * \frac{1}{8} = \frac{13}{8}$$

HW
 Packet 5 evers
 Week 13 Supplemental WS
 Online HW 13 }
 Quiz 13 } Jan 12th

