

WORKSHEET 5A REVIEW

$$1) \frac{2}{3} - \frac{5}{8}$$

Step a → find common denominator

$$\frac{16}{24} - \frac{15}{24}$$

Step b → complete/reduce

$$\boxed{\frac{1}{24}}$$

$$2) \frac{4}{7} + \frac{8}{1} \cdot \frac{5}{6}$$

step a → multiply

$$\frac{4}{7} + \frac{40}{6}$$

Step b → find common den.

$$\frac{24}{42} + \frac{280}{42}$$

step c → add / reduce

$$\frac{304}{42} = \boxed{\frac{152}{21}}$$

$$3) \frac{25}{16} \cdot \left(-\frac{18}{35}\right)$$

$$\begin{array}{r} \text{DB} \quad 4 \quad \text{cool} - \frac{9}{7} \\ \text{CH} \quad -\frac{45}{56} \\ \text{MS} \quad -\frac{45}{56} \\ \hline 56 \end{array}$$

$$\text{DL} \quad -\frac{45}{56}$$

$$\text{MC} \quad -\frac{45}{56}$$

$$4) \left(-\frac{14}{15}\right) \cdot \left(-\frac{10}{21}\right) - \frac{13}{11}$$

$$\begin{array}{r} \text{DB} \quad 6 \\ \text{CH} \quad -\frac{73}{99} \\ \text{DL} \quad -\frac{40}{99} \end{array}$$

$$\begin{array}{r} \text{EJ} \quad \frac{73}{99} \\ \text{KH} \quad -\frac{40}{99} \end{array}$$

$$\text{cool} \quad -\frac{73}{99}$$

$$\#4) \left(+\frac{14}{15} \right) \left(+\frac{10}{21} \right) - \frac{13}{11}$$

$$\frac{140}{315} - \frac{13}{11}$$

$$\frac{4}{9} - \frac{13}{11}$$

$$\frac{44}{99} + \frac{-117}{99} = \frac{-73}{99}$$

$$\frac{14}{15} \cdot \frac{10}{21}$$

$$\frac{14 \cdot 10}{15 \cdot 21}$$

$$\frac{10 \cdot 14}{15 \cdot 21}$$

$$\frac{2 \cdot 2}{3 \cdot 3}$$

$$9) \frac{3}{4} \div (-9) - \frac{5}{8} \cdot \left(- \left(-\frac{18}{15} \right) \right) = \quad -1 \times a = -a$$

$$\frac{3}{4} \div (-9) - \frac{\cancel{8}^1 \cdot \cancel{18}^9}{\cancel{8}^4 \cdot \cancel{15}^3}$$

$$\frac{3}{4} \div -\frac{9}{1}$$

$$-\frac{\cancel{8}^1}{\cancel{36}^{12}} + -\frac{9}{12}$$

$$-\frac{10}{12} = -\frac{5}{6}$$

$$CH - \frac{5}{6}$$

$$FO - \frac{71}{12}$$

$$TB - \frac{2}{3}$$

$$SS - \frac{5}{6}$$

$$JH - \frac{5}{6}$$

$$MC - \frac{5}{6}$$

$$DL - \frac{10}{566}$$

WORKSHEET 2D

#15) $15 - 6(3 - [8 + 2.5])$

$\begin{array}{r} 18 \\ 10 \\ \hline -15 \end{array}$

$4 \cdot (-5) - 3(7.3 - 2 \cdot 13)$

$\begin{array}{r} 21 \\ 26 \\ \hline -5 \end{array}$

$$\frac{15 - 6(-15)}{4 \cdot (-5) - 3(-5)} = \frac{15 + (+90)}{-20 + (+15)} =$$

$$\frac{105}{-5} = \boxed{-21}$$

MO -21

AE -21

FO 15

TB -21

JH -15

BL = 18.75

Homework - due Mon. 9/15

WK 5D, 2A →
calculators OK but NO
fraction functions