## **Fun with Fractions!**

**Multiplication** 

$$\left(\frac{2}{3}\right)\left(\frac{4}{5}\right) = \frac{2 \times 4}{3 \times 5}$$
$$= \frac{8}{15}$$

Addition/Subtraction

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

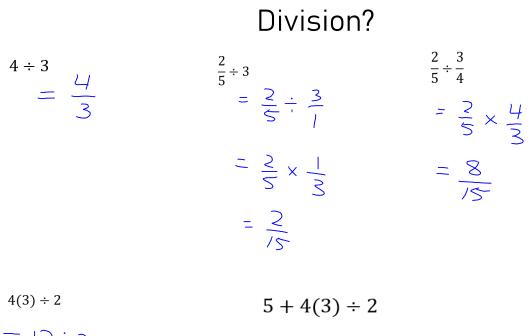
$$2\frac{2}{5} \times 1\frac{8}{3} \qquad 2\frac{1}{4} + 3\frac{2}{5} \\ = \left(\frac{10}{5} + \frac{2}{5}\right) \times \left(\frac{3}{3} + \frac{8}{3}\right) \qquad = \frac{8}{7} + \frac{1}{7} + \frac{15}{5} + \frac{2}{5} \\ = \frac{12}{75} \times \frac{11}{3} \qquad = \frac{12}{75} \times \frac{11}{3} \qquad = \frac{12}{75} + \frac{12}{5} + \frac{12}{5} + \frac{12}{5} \\ = \frac{12}{75} + \frac{12}{75} + \frac{12}{5} + \frac{12}{5} \\ = \frac{12}{75} + \frac{12}{5} + \frac{12}{5} + \frac{12}{5} \\ = \frac{12}{75} + \frac{12}{5} + \frac{12}{5} + \frac{12}{5} \\ = \frac{12}{75} + \frac{12}{5} + \frac{12}{5} + \frac{12}{5} \\ = \frac{12}{75} + \frac{12}{5} +$$

$$\frac{2}{1} \xrightarrow{x_5} \frac{10}{5}$$

•

$$B_{x,5}^{+2} = \frac{3x5+2}{5}$$
  
=  $\frac{17}{5}$ 

<u>20</u>



$$= 12 \div 2 = 5 + 12 \div 2 = 5 + 12 \div 2 = 5 + 6 = 12 \div 2 = 11 = 11$$

#### Putting them all together again

 $3\frac{2}{5}4\frac{22}{7} = 1-4^{2}[18 \div 2 \div (-7)(2)]$   $= 3\frac{2}{5}-\frac{2}{7} = 1-4^{2}[18 \div 2 - 7(2)]$   $= 1-4^{2}[18 \div 2 - 7(2)]$   $= 1-4^{2}[18 \div 2 - 7(2)]$   $= 1-16[18 \div 2 - 7(2)]$  = 1-16[9 - 7(2)] = 1-16(9 - 14) = 1-16(9 - 14) = 1-16(-5) = 1-6(-5) = 1-(-80) = 1 + 80 = 81

$$\frac{1}{2} \div \left(\frac{1}{3} + \frac{1}{2}\right) - \frac{2}{3}$$

$$= -\frac{1}{2} \div \left(\frac{2}{6} + \frac{3}{6}\right) - \frac{2}{3}$$

$$= -\frac{1}{2} \div \left(\frac{5}{6} - \frac{2}{3}\right)$$

$$= -\frac{1}{2} \div \left(\frac{5}{5} - \frac{2}{3}\right)$$

$$= -\frac{1}{30} - \frac{20}{30}$$

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

### Practicing is sooooo important!

#### Have you finished all of 1.5?

Set 1: #2ace, 3ace, 4ace, #5ace, 6ace, 7ace, 8 ,10 OR Set 2: #1, 2aij, 3aceij, #6ace, 7ace, 10,12,13,14

# Too hard to start with? Make sure you're comfortable with 1.2

Set 1: #1 a-h,3,4bcde,6a-i OR Set 2: #1k-p,2,3,4bce,6h-p,7,8

