

# Fractions Day 2

February 3, 2017 8:39 AM

Part 1: Either:

Convert from Proper  $\rightarrow$  Improper

Convert from Improper  $\rightarrow$  Proper

Reduce

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

$$\frac{15 \div 5}{25 \div 5} = \frac{3}{5}$$

$$\frac{14 \div 2}{32 \div 2} = \frac{7}{16}$$

$$2 \frac{3}{4} = \frac{11}{4}$$

*8 + 3 = 11*

$$5 \frac{6}{7} = \frac{41}{7}$$

*35 + 6 = 41*

$$14 \frac{1}{3} = \frac{43}{3}$$

*42 + 1 = 43*

$$9 \frac{-8}{4} = 2 \frac{1}{4}$$

$$14 \frac{-9}{9} = 1 \frac{5}{9}$$

$$32 \frac{-28}{7} = 4 \frac{4}{7}$$

$$32 \div 7 = 4 \dots 4$$

*7, 14, 21, 28, 35...*

Part 2: Add or Subtract

Always Lowest Proper Answers

$$a) \quad = \frac{3}{5} \quad b) \quad \frac{7}{11} - \frac{2}{11} = \frac{5}{11}$$

$$c) \quad \frac{2 \times 2}{3 \times 2} + \frac{5}{6} = \frac{4}{6} + \frac{5}{6} = \frac{9}{6} = 1 \frac{3}{6} = 1 \frac{1}{2}$$

$$\begin{aligned} \text{d)} \quad 4\frac{1}{2} - 2\frac{5}{6} &= \frac{9 \times 3}{2 \times 3} - \frac{17}{6} \\ &= \frac{27}{6} - \frac{17}{6} = \frac{10}{6} = \frac{5}{3} = 1\frac{2}{3} \end{aligned}$$