

Algebra / Additive property of equality with signed fractions

$$-\frac{220^4}{51} + y = \frac{120^5}{41}$$

$$-8 + 20y = 5$$

$$\frac{20y}{20} = \frac{13}{20}$$

$$y = \frac{13}{20}$$

LCD of 5, 4
 20
 $5, 10, 15, \frac{20}{4} = 5$

$$-\frac{54}{91} = 9v - 29$$

$$-5 = 9v - 18$$

$$\frac{13}{9} = \frac{9v}{9}$$

$$\frac{13}{9} = v$$

$$x + \frac{1}{6} = -\frac{2}{3}$$

$$x + 1 = -4$$

$$x = -5$$

LCD
 6

to find LCD: smallest #
 they both divide evenly
 into

$$\frac{6}{3} = 2 \quad \frac{3}{1} = 3$$