

## Unit/Test: Corrections

#12) Evaluate  $2x - 3y$   
for  $x = -\frac{2}{3}$ ,  $y = \frac{1}{2}$

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

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

~~$$-\frac{2}{3} = -\frac{8}{3}$$~~

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

$$= \frac{-4 \times 2}{3 \times 2} - \frac{3 \times 3}{2 \times 3}$$

$$= \frac{-8}{6} - \frac{9}{6} = -\frac{17}{6} = -2\frac{5}{6}$$