Restrictions: $z \neq 0$ ~~$z+3=0$~~ ~~$3z-2=0$~~ ~~$z=-3$~~ ~~$+2\ +2$~~ ~~$\frac{3z}{3}=\frac{2}{3}$~~ $z \neq \frac{2}{3}$ LCD: $z(z+3)(3z-2)$

$$\frac{3z}{3z^2+7z-6} \cdot \frac{z(z+3)(3z-2)}{1} - \frac{1}{z} \cdot \frac{(z+3)(3z-2)}{1} = \frac{4}{3z^2-2z} \cdot \frac{z(3z-2)}{1}$$

$$3z^2 - (3z^2+7z-6) = 4(z+3)$$

$$3z^2 - 3z^2 - 7z + 6 = 4z + 12$$

$$-7z + 6 = 4z + 12$$

$$-4z \qquad -4z$$

$$-11z + 6 = 12$$

$$-6 \qquad -6$$

$$\frac{-11z}{-11} = \frac{6}{-11}$$

$$z = -\frac{6}{11}$$