$S_{1.1}$ #11   Book ?

$$\frac{z+5}{z-6} = -\frac{9}{5}$$

$$5(z+5) = -9(z-6)$$

$$5z+25 = -9z+54$$

$$14z = 29$$

$$z = \frac{29}{14}$$

$S_{1.1}$ #14   Book: #57

$$\frac{x}{.347} + \frac{x}{.934} = 6 \qquad LCD = (.934)(.347)$$

$$\left(\frac{x}{.347}\right)\left(\frac{.934}{.934}\right) + \left(\frac{x}{.934}\right)\left(\frac{.347}{.347}\right) = \left(\frac{6}{1}\right)\left(\frac{.347}{.347}\right)\left(\frac{.934}{.934}\right)$$

$$\frac{.934x + .347x}{LCD} = \frac{6(.347)(.934)}{LCD}$$

$$1.281x = 6(.347)(.934)$$

$$x = \frac{6(.347)(.934)}{1.281} \approx$$