

$$2m+5 = 5(m-7) - 3m$$

$$2m+5 = 5m-35-3m$$

$$2m+5 = 2m-35$$

$$+35 \quad +35$$

No Solution

$$2m+40 = 2m$$

$$-2m \quad -2m$$

$$40 = 0$$

$$3(r+1) - 5 = 3r - 2$$

$$3r+3-5 = 3r-2$$

$$3r-2 = 3r-2$$

An Identity