

1.1B #17

 $b =$ baseball weight $f =$ football weight $s =$ soccer weight

$$b + f = 1.25$$

$$b + s = 1.35$$

$$f + s = 1.9$$

$$\Rightarrow s = 1.9 - f$$

$$\rightarrow b + 1.9 - f = 1.35$$

$$\Rightarrow b - f = -0.55$$

$$\Rightarrow b = f - 0.55$$