

(S2) Use  $m_2 = 2$  and "sub in (5,6)"  
to solve for "b".

$$y = 2x + b$$

$$6 = 2(5) + b$$

$$6 = 10 + b$$

$$6 - 10 = b$$

$$b = -4$$

(S3) write complete equation.

$$y = 2x - 4$$

DONE!