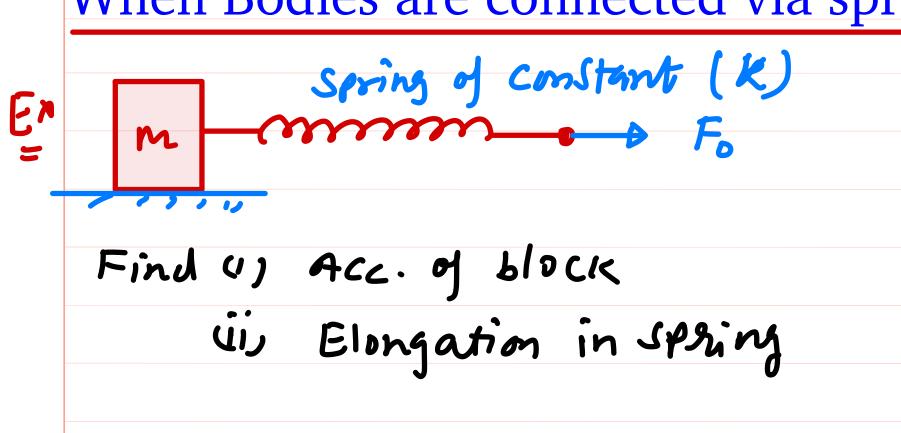
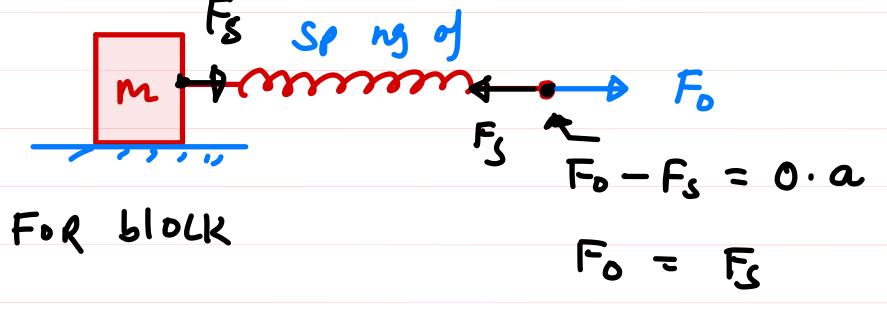




## When Bodies are connected via spring and passing through pullies :





$$F_{0} = Ma$$

$$F_{0} = Ma$$

$$\mathcal{K} = \frac{F_{0}}{K}$$

$$A = \frac{10}{K}$$

$$A = \frac{10}{K}$$

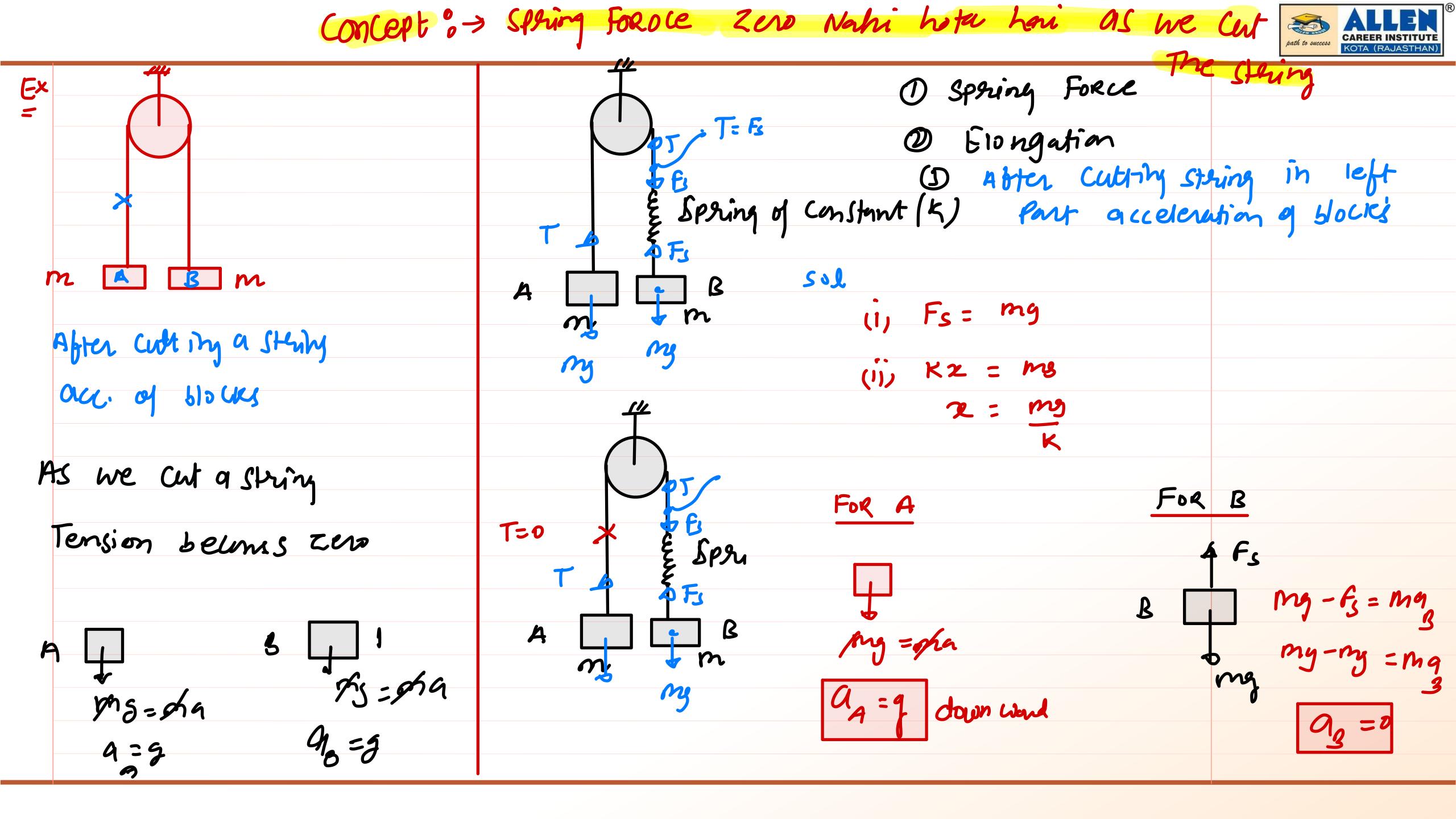
$$A = \frac{10}{K}$$

$$A = \frac{10}{K}$$

Find Acc. of blocks and maximum Elotyation in Sparing

$$0 = \frac{100}{2+3} = 20 \, \text{m/s}^2$$

F.B. D of 
$$2kg$$
 $\uparrow N_A$ 
 $\downarrow N_A$ 
 $\downarrow$ 





**6**. Two blocks A and B of masses m & 2m respectively are held at rest such that the spring is in natural length. What is the acceleration of both the blocks just after release?

$$(A)'g \downarrow, g \downarrow$$

(C) 0, 0

(B) 
$$\frac{g}{3} \downarrow$$
,  $\frac{g}{3} \uparrow$ 

(D) 
$$g \downarrow , 0$$

