First Class Levers

Effort
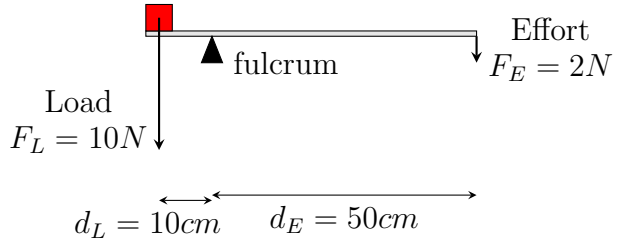$F_E = 2N$

Load
$F_L = 10N$

$d_L = 10cm$ $d_E = 50cm$

$$m.a. = \frac{F_L}{F_E} = \frac{10N}{2N} = 5$$

$$m.a. = \frac{d_E}{d_L} = \frac{50cm}{10cm} = 5$$