# First Class Levers



Load
$F_L = 10N$

fulcrum

Effort
$F_E = \ldots\ldots N$

$d_L = 10.0cm$    $d_E = 50.0cm$
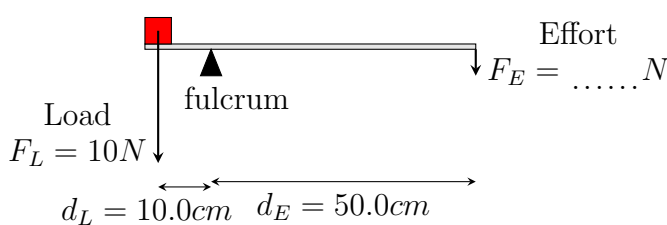
$F_E \times d_E = F_L \times d_L$

$$F_E = \frac{F_L \times d_L}{d_E}$$

$$F_E = \frac{\ldots\ldots \times \ldots\ldots}{\ldots\ldots}$$

$$F_E = \ldots\ldots N$$