First Class Levers

Load
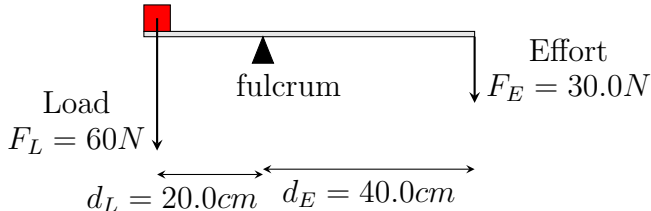$F_L = 60N$

fulcrum

Effort
$F_E = 30.0N$

$d_L = 20.0cm$ $d_E = 40.0cm$

$$F_E \times d_E = F_L \times d_L$$
$$F_E = \frac{F_L \times d_L}{d_E}$$
$$F_E = \frac{60 \times 20.0}{40.0}$$
$$F_E = 30.0N$$