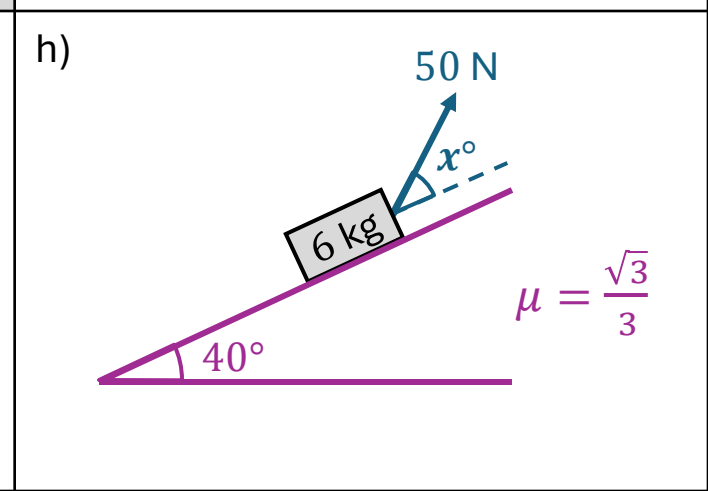
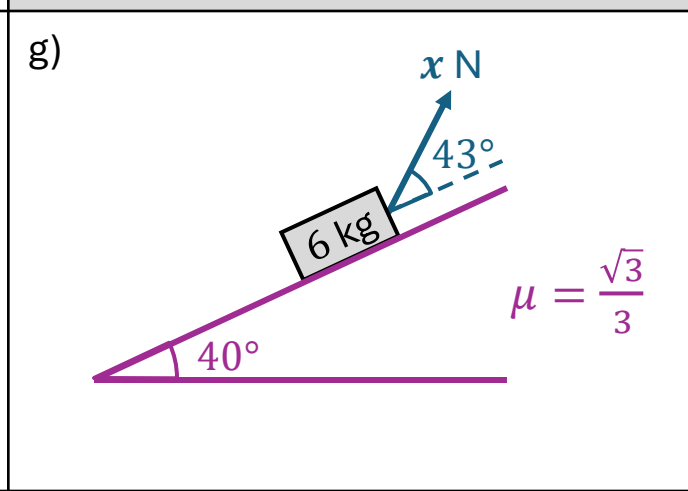
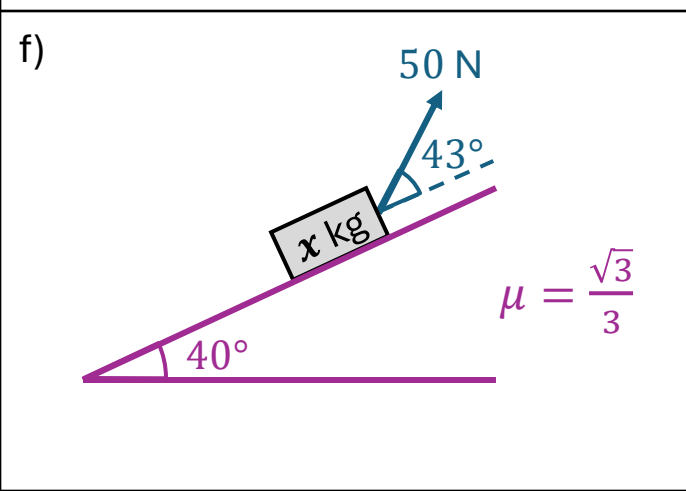
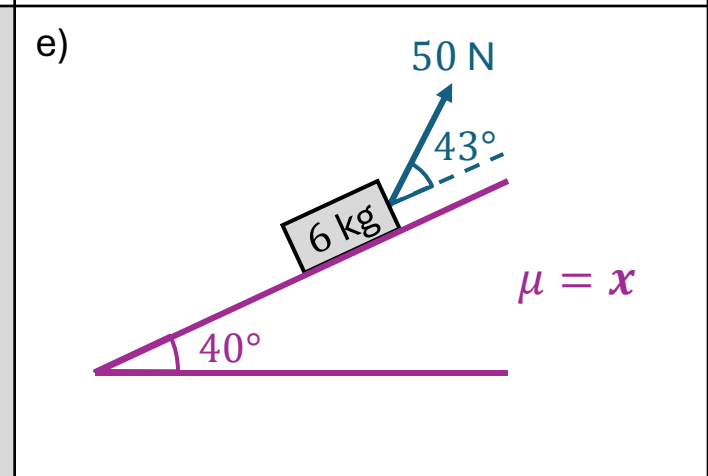
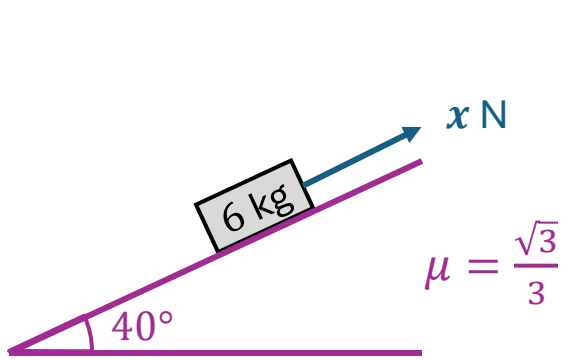
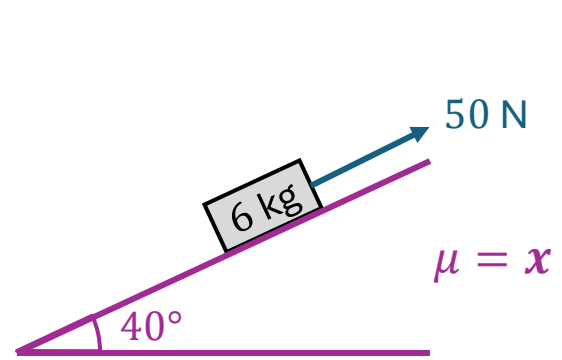


Find the range of possible values of x , given that the object remains at equilibrium.

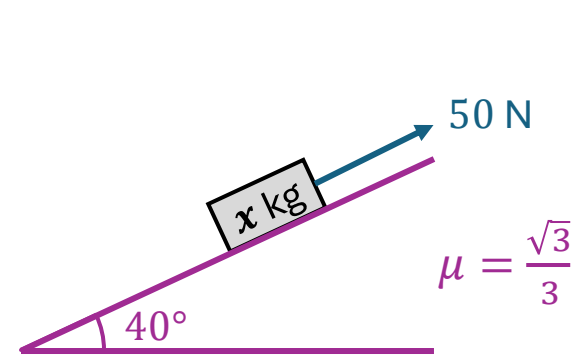


a)  $\mu = \frac{\sqrt{3}}{3}$

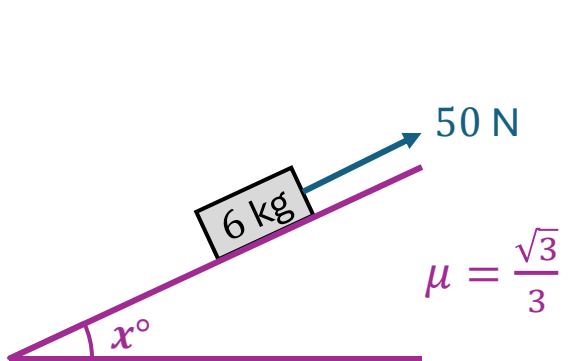
$11.8 \leq x \leq 63.8$

b)  $\mu = x$

$x \geq 0.271$

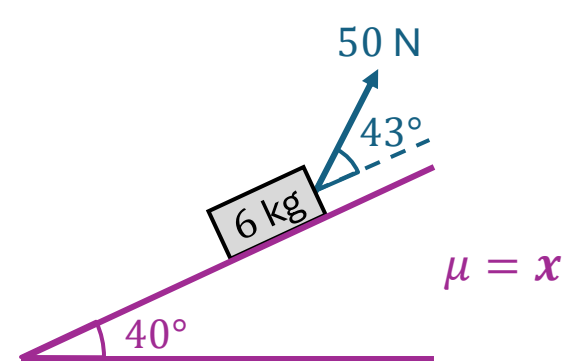
c)  $\mu = \frac{\sqrt{3}}{3}$

$4.70 \leq x \leq 25.4$

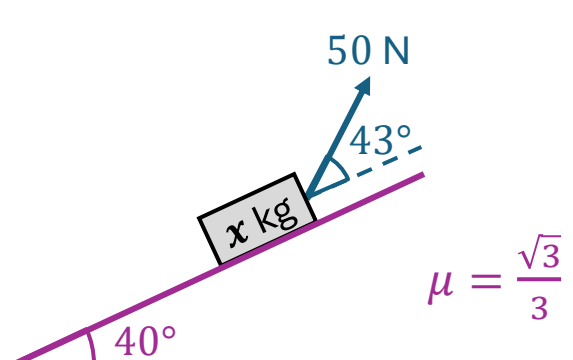
d)  $\mu = \frac{\sqrt{3}}{3}$

$17.4 \leq x \leq 77.4$

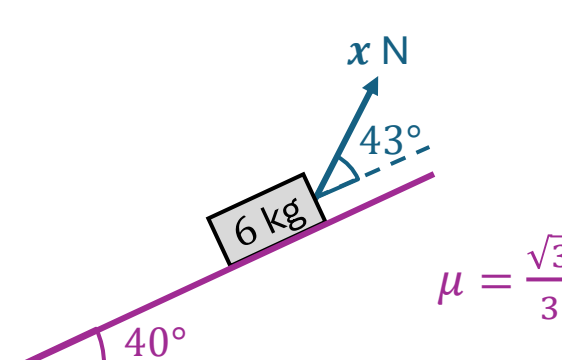
Find the range of possible values of x , given that the object remains at equilibrium.

e)  $\mu = x$

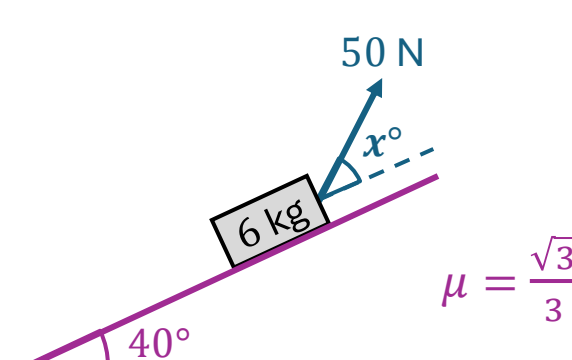
$x \geq 0.112$

f)  $\mu = \frac{\sqrt{3}}{3}$

$5.29 \leq x \leq 8.59$

g)  $\mu = \frac{\sqrt{3}}{3}$

$34.9 \leq x \leq 56.7$

h)  $\mu = \frac{\sqrt{3}}{3}$

$x \leq 48.2$