54–55

$F = 600\ N$ east

$J = 3.6\ N \cdot s$ east

$t = ?$

$J = F_{net}\,t$

$t = \dfrac{J}{F_{net}} = \dfrac{3.6\ N \cdot s}{600\ N}$ } 1PT

$t = .006\ s$

$= 6 \times 10^{-3}\ s$

$= 6\ ms$ } 1PT

56