









Center
$$-20.4k_3(v^2) = -100N$$

Circle $-100N$
downward $V = 7m/5$

$$SF = mv^{2} = F_{N} - 200N$$

$$Z0.4t_{3}(2m/s)^{2} = F_{N} - 200N$$

$$10 n = 300N$$