

Ferris Wheel Type rides:
*


A_ rat nf masc 20 kg travels atconctalnt cnemis hf


at radius 1.5 m . Determine the force of tension in the top and bottom of the swing.

$$
F_{c}=f_{T}+F_{g}
$$

$\uparrow$

$m v^{2}$ ūsidene go in Se seats:


$$
F_{c}=F_{T}-F_{g}
$$

$$
\frac{m v^{2}}{r}+m g=F_{T}
$$

$T_{o p} F_{c}=F_{g}-F_{N}$

Crazy stuff:

High speed jets:




