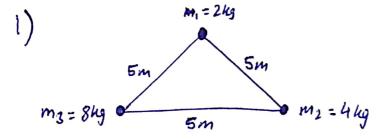
Name: Safa Ahmed

ID: 18310 59042

Phy107

Section: 1



a) Fret =
$$m \times a$$

= $(2 \times \cos 30 \times 9.8) + 4 \times 9.8$

b) = Fret = mxq
=
$$(2 \times \cos 30 \times 9.8) + (8 \times 9.8)$$

Fret = $95.4N$

C) & Fresh - Mara - W
$$F_{T}$$

Fresh = W - F_{T}

= $(8 \times 9.8) - (200830 \times 9.8)$

Fresh = 61.4N 1 downwards