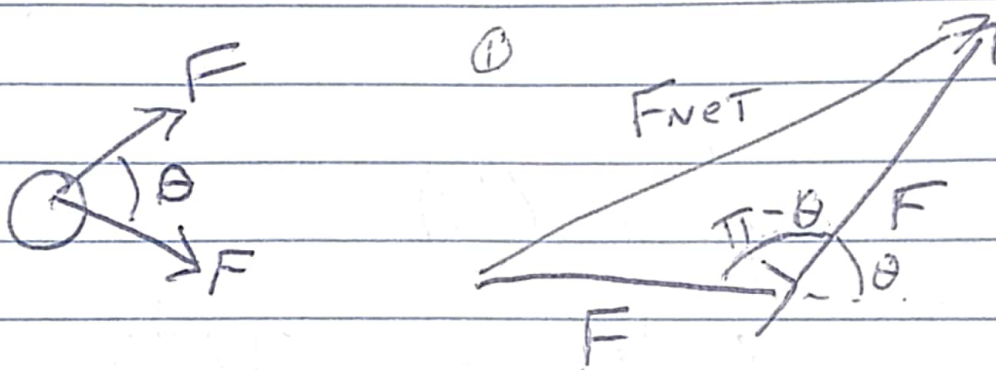
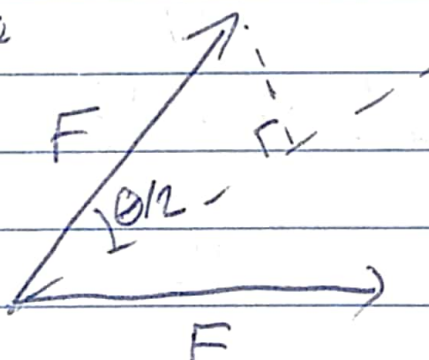


20-P-FA-BK-COZ



① from cosine law, $F_{net} = \sqrt{2F^2 - 2F^2 \cos(\pi - \theta)}$
OR

②  $F_{net} = 2(F \cos(\theta/2))$