1. A $\Delta p = F\Delta t \Rightarrow F = \frac{\Delta p}{\Delta t}$ (largest slope $\Rightarrow$ greatest magni

2. C $a_c = \frac{v^2}{r} = \omega^2 r$ and their angular speeds are the same

3. D Use $p_f - p_i$ = impulse and impulse = area under curve

$p_i = -mv_i = -4\ kg \cdot m/s$

Ulysses' momentum 2 kg·m/s