

Exam 2

- check solutions on class web page
- double-check addition of points
- ~~X~~ means that thing is incorrect
- ✓ (or /) means that thing is correct
- ~~ok~~ means it's incorrect but you still got credit (probably from earlier mistake)

Comments

#1 – symbolic expressions have no units

#2 – FBD is necessary

#3 – some forgot to include $\cos\theta$; work is a scalar (not vector)

#4 – $\Delta(K+U) = -(\text{work done})$ must be negative

#5 – K is *not* conserved; many sign errors; cannot use

$$v_{1f} = \frac{m_1 - m_2}{m_1 + m_2} v_{1i}$$

