

#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

#Hun Tsu



wtf this great ebook for free?!

#Che Salsa



My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

QUESTION 5 VRAAG 5

5.1 Frictional force / Wrywryngkrag ✓ (1)

5.2 F_N / Normal force / Normalkrag ✓
 F_g / Gravitational force / Weight / Gravitasiekrag / Gewig ✓
 F_{applied} 10 N / Horizontal applied force / Horizontale toegepaste krag ✓

Accepted labels/Aanvaarde benoemings	
W	F_g / F_w / weight / mg / gravitational force
N	F_N / F_{normal} / normal force
F	F_{applied} / applied force / 10 N
F _{fric}	frictional force / 10 N

5.3 The net work done ✓ on an object is equal to the change in kinetic energy ✓ of the object.
 Die netto arbeid verrig op 'n voorwerp is gelyk aan die verandering in kinetiese energie van die voorwerp. (2)

5.4 $W_{\text{net}} = \Delta E_k$ ✓
 $W_f + W_w = \frac{1}{2} m(v_f^2 - v_i^2)$ ✓
 $(10)(2.5 \cos 60^\circ) + 0 = 0 + \frac{1}{2} (3)(v_f^2 - 0^2)$ ✓
 $v_f = 4.08 \text{ m s}^{-1}$ ✓ (4)

5.5 **OPTION 1 OPSIE 1**
 $W_{\text{net}} = \Delta E_k + \Delta E_p$ ✓
 $\Delta k \cos 60^\circ = (mgh_f - mgh_i) + \frac{1}{2} m(v_f^2 - v_i^2)$ ✓
 $(2)(10 \cos 100^\circ) + 0 = (3)(9.8)h - 0 + \frac{1}{2} (3)(4.08)^2$ ✓
 $h = 0.17 \text{ m}$ ✓

OPTION 2 OPSIE 2
 $W_{\text{net}} = \Delta E_k$ ✓
 $W_f + W_w = \frac{1}{2} m(v_f^2 - v_i^2)$ ✓
 $(2)(10 \cos 100^\circ) + (3)(9.8) \cos 100^\circ = \frac{1}{2} (3)(v_f^2 - 4.08^2)$ ✓
 $h = 0.17 \text{ m}$ ✓

OPTION 3 OPSIE 3
 $W_{\text{net}} = \Delta E_k + \Delta E_p$ ✓
 $mgh_f \cos 60^\circ + \Delta k \cos 60^\circ = \frac{1}{2} m(v_f^2 - v_i^2)$ ✓
 $(3)(9.8) \frac{h}{10} \cos 100^\circ + (2)(10 \cos 100^\circ) = \frac{1}{2} (3)(v_f^2 - 4.08^2)$ ✓
 $h = 0.17 \text{ m}$ ✓ (5)

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