

#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

Physics Assignment - Impulse and Momentum.

- ①  $p = mv$   
a)  $= 0.20(8.0) = 4.0 \text{ kg m/s}$   
b)  $p = mv$   
 $= 1500(278) = 4.2 \times 10^5 \text{ kg m/s}$
- ②  $p = mv$   
 $479 = m(5.55)$   
 $m = 86.2 \text{ kg}$
- ③ car = truck  
 $mv = mv$   
 $900 v = 2000(8.33)$   
 $v = 18.5 \text{ m/s}$
- ④ omit
- ⑤  $F \Delta t = m \Delta v$   
 $F(0.001) = 40(-180 - 15)$   
 $F = -780000 \text{ N}$
- ⑥  $F \Delta t = \Delta p$   
 $F(20) = -3.2 \times 10^4$   
 $F = -16000 \text{ N}$
- ⑦ Impulse =  $\Delta p$   
a)  $= 0.15(-12)$   
 $I = -1.8 \text{ N s}$   
b) Impulse =  $F \Delta t$   
 $-1.8 = F(0.10)$   
 $F = -18 \text{ N}$
- ⑧  $F \Delta t = m \Delta v$   
 $F(0.0005) = 0.046(20)$   
 $F = 6440 \text{ N}$
- ⑨ a)  $m = 1600 \text{ kg}$   
b)  $p = mv$   
 $= 1400(20) = 32000 \text{ kg m/s}$   
c)  $\Delta p = m \Delta v$   
 $= -32000 \text{ kg m/s}$   
d)  $F \Delta t = \Delta p$   
 $-6.4 \times 10^3 \Delta t = -32000$   
 $\Delta t = 5.0 \text{ s}$
- ⑩  $F \Delta t = m(v_f - v_i)$   
 $1.5 \times 10^3(18) = 2.0 \times 10^4(v_f - 0)$   
 $v_f = 112 \text{ m/s}$

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**Physics Momentum Worksheet With Answers**