R. A box of cress 2000, presents partied for a distance of her along a periodical Court with A a howateness torce 190%. The kingler coefficient of fruition between the how and the first is 0.3 The work done by the applied force is

a 2003 D 2004 a 2003 a cost of the above

to be question 7 the work done by the fruition tires in

a more of the above b. -5004 e. 6002 d. 5002

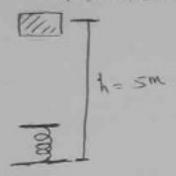
10. the position of the particle is given by an experience r =5 M | 142 25 = 49 f 1]. The velocity of the object after is given by expression

b. v=5.6k + (4.2 - 9.8t); m/v a. v-4.ni + (4 - 4.9t)i m/s

2 1-7 5 + (72-9 R) (C)

e none of the above d. v=3.6i = (2.2 - 9.8t) m/s

III. For the following questions show your works clearly An object of mass 16Kg fails as shown in the figure. Find the amount of the spring if the spring constant is 2000 \m ( + eks 9 = 10 m/s )



## Top students

1. Force Scientifically a person carrying a head on his head and moving in a level hericognal surface shorts a worth	
a armie. The maximum range of a projectile is obtained when the object to	
5 An object suspended by a rope in an amend on experience a room force. The a cut turning around a ancient path the ameripetal force is regularly	
by mormal force  Ter an object mayeling along a vertical encolar path by sening a cope	
8. An object on the surface of the earth pulled by the earth towards the	
Planets revolve around the sign in a escular arbits  Planets revolve around the sign in a escular arbits  The third law of Kepler says the cube of the period of the planet around the sun is proportional to the cube of the mean distance between the son and the primate the sun is proportional to the cube of the mean distance between the son and the primate the sun is proportional to the cube of the mean distance between the son and the primate the sun is a cube of the mean distance between the son and the primate the sun is a circular arbitrary.  I. Given A = 3i-2j+k and B = 2i+j-4k. The angle O between the vectors is	
a. 0° b. 30° c. 45° d. 90° e none of the above	
7 In question 1 the angle between A and the positive y-axis is *	
a. $\cos^{-1}\left(\frac{3}{\sqrt{14}}\right)$ b. $\cos^{-1}\left(\frac{-3}{\sqrt{14}}\right)$ c. $\cos^{-1}\left(\frac{-2}{\sqrt{14}}\right)$ d. $\cos^{-1}\left(\frac{1}{\sqrt{14}}\right)$ e. none of the above	
3 to question 1 the cross product of A and B is? #\$	
at 101 h d leat 2k o none of the above	
a. 6i+j-k b. 7i+14j+7k c. 2i+9j-k d. (4-j-2a)  4. A car makes a turn whose radius 28m. The road is banked at an angle of 10°. If the friction between the road and the car is zero. At what speed the driver take the curve to avoid sliding off to between the road and the car is zero. At what speed the driver take the curve to avoid sliding off to	ne T
0.00	
14 22m/s b 6.98m/s c. 8.94m/s d. folias	ote
a.14.32m/s b. 6.98m/s c. 8.94m/s a. formula speed of 40m/s passes a police m.  5. A car traveling on a long straight highway, at a constant rate of 2m/s to eatch the speed which moves at 20m/s but immediately accelerates at a constant rate of 2m/s to eatch the speed which moves at 20m/s but immediately accelerates at a constant rate of 2m/s to eatch the speed will take the police motorcycle to catch the speeding car?  How long willit take the police motorcycle to catch the above	din
How long withit take the party and a mone of the above	
a.5 s b. 10 s c. 15 s d. 20 s c. 16 s d. 20 s	
6. In question 5 how far will the poor e none of the above	
6. In question 5 how far will the police motorcycle be traveling when it reaches the specific question 6 how fast will the police motorcycle be traveling when it reaches the specific question 6 how fast will the police motorcycle be traveling when it reaches the specific question 6 how fast will the police motorcycle be traveling when it reaches the specific question 6 how fast will the police motorcycle be traveling when it reaches the specific question 6 how fast will the police motorcycle be traveling when it reaches the specific question 6 how fast will the police motorcycle be traveling when it reaches the specific question 6 how fast will the police motorcycle be traveling when it reaches the specific question 6 how fast will the police motorcycle be traveling when it reaches the specific question 6 how fast will the police motorcycle be traveling when it reaches the specific question 6 how fast will the police motorcycle be traveling when it reaches the specific question 6 how fast will the police motorcycle be traveling when it reaches the specific question 6 how fast will be police motorcycle be traveling when it reaches the specific question 6 how fast will be police motorcycle be traveling when it reaches the specific question 6 how fast will be police motorcycle be traveling when it reaches the specific question 6 how fast will be police motorcycle be traveling when it reaches the specific question 6 how fast will be police motorcycle be traveling when it reaches the specific question 6 how fast will be police motorcycle be traveling when it reaches the specific question 6 how fast will be police motorcycle be traveling when the specific question 6 how fast will be police motorcycle be traveling when the specific question 6 how fast will be police motorcycle be a specific fast will be police motorcycle fast and fast will be police for the specific fast will be police fast and fast will be p	jed
7. In question show fast will the police moons of the above a 10m/s b.20m/s c.30m/s d. 40m/s e. none of the above	
a. 10m/s b.20m/s c.30m/s	
Top of the order	
Top students	

If the statement is correct works URL/L, if the statement is incorrect write UALM.

Table: Time, speed and energy are scalar quantities.

arceleration

There is a possibility for an object with a sen actually to make an a

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