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PHYSICAL SCIENCES PAPER 2 (CHEMISTRY)

GRADE 12

TERMS & DEFINITIONS, QUESTIONS & ANSWERS PER TOPIC

2021

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web circle the correct answers the mass of the system a b is m 2m the force that accelerates a b is the weight of a b the weight of b is mg 2 acceleration of a b is less than mg 2mg g g more than g use a to show the acceleration of a b as a fraction of conceptual physics

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web t t toward center of circle yes yes yes f f because centripetal acceleration is not zero n n yes provides centripetal force for circular motion conceptual physics

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web dec 11 2012 1 kg consider the acceleration of the cart when the applied force is due to a 10 n iron weight attached to a string draped over pulley will the cart accelerate as before at 10 m/s² the answer is no because the mass being accelerated is

the mass of the cart plus the mass of the piece of iron that pulls it both masses accelerate

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web mar 4 2013 the distance between the balls decreases the wavelength decreases just as the distance between the balls in question 5 decreases 30 m 30 cm 1 m s

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web our intuitive definition of force that is a push or a pull is a good place to start we know that a push or pull has both magnitude and direction therefore it is a vector quantity and can vary considerably in each regard for example a cannon exerts a strong force on a cannonball that is launched into the air

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