

PHYSICAL SCIENCES P.1

MEMO-2024



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

G.12

NATIONAL
SENIOR CERTIFICATE

1 times by adding different masses to increase the hanging mass each time.
the effects of air friction.



data obtained were used to draw the sketch graph below.



length. The spring then falls to the ground.
Trolley A moves to the left, while trolley B moves to the right and then up a frictionless inclined plane, rising to a maximum vertical height of 1,5 m, as shown in the diagram below.



- 6.1 Write down the principle of conservation of mechanical energy in words. (2)
- 6.2 Calculate the speed of trolley B at the bottom of the inclined plane. (4)
- 6.3 For the hypothesis that the spring takes no time to return to its natural length.

1 (a new page.)

1 applied at an angle of 30° to the horizontal
ly at rest, as shown in the diagram below.

on of 10 N acts on the crate as it moves from rest at point A ab
point B. The distance between point A and point B is 1,5
at point B is 2 m s^{-1} .



is work done by a force.

of free-body diagram showing ALL the forces acting on the crate.

IF PRINCIPLES ONLY, calculate the magnitude of force F.

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kg) ... Kinetic Energy (KE) = $\frac{1}{2}$ mass times velocity squared Potential and Kinetic Energy Worksheet. Kinetic Energy (KE) = $\frac{1}{2}$ mass times velocity squared. KE = $\frac{1}{2} mv^2$. Potential Energy (PE) = mass times the acceleration ... Kinetic and potential energy worksheet answer key o myaiu kinetic and potential energy worksheet classify the following as type of potential energy or kinetic energy (use the letters or bicyclist pedaling up ... Kinetic and Potential Energy Worksheet Walkthrough - YouTube kinetic and potential energy worksheet Flashcards A. How much kinetic energy does the ball have? B. How much potential energy does the ball have when it reaches the top of the ascent? KINETIC AND POTENTIAL ENERGY WORKSHEET Answer the following: a. What is the kinetic energy of a 1-kilogram ball is thrown into the air with an initial velocity of 30 m/sec? Kinetic vs Potential Energy Practice KEY Page 1. Scanned by CamScanner. Page 2. Scanned by CamScanner. Potential and kinetic energy worksheet and answer key This easy to read, one page passage about potential energy :explains potential energy as stored energygives examples such as a car ... Chemistry Final Exam Review (Hanover Horton High School) Start studying Chemistry Final Exam Review (Hanover Horton High School). Learn vocabulary, terms, and more with flashcards, games, and other study tools. CHEMISTRY TEST REVIEW OVER MOLES UNIT Moles Practice Test At STP, which sample contains the same number of molecules as 11.2 liters of CO₂(g) at STP? Page 4. Answer Key moles practice test. 1. C. 2. C. 3. D. 4. C. 5. A. Nadeb videos 6 years ago. 1:25. Nadeb. Mole Test Review Answer Key Horton High School. 6 years ago. 1:25. Nadeb. How To Replace Drive Belt On Yamaha Stratoliner. 6 years ago. Stoichiometry Review Sheets 2.pdf X moles = 399. 26. LIFE 7+ 19. Page 7. Name: Answer Key. 1. Base your answer to ... Determine the total number of moles of CO₂ produced during the lantern test. Relative Mass and the Mole answer key Use a periodic table to answer the following questions. a. Fluorine gas consists of diatomic molecules of fluorine (F). How many molecules of fluorine are in ... Conceptual Chemistry MOLES & EMPIRICAL FORMULA ... May 5, 2020 — Conceptual Chemistry MOLES & EMPIRICAL FORMULA Test Review 1. A mole is equal to : representative particles grams liters (for gases only) 2. Msrazz chem class the mole answer key ... mole answer key Balancing combustion Chemistry test review answers - earthstaff. ... High School chemistry is one of the most high-yield areas for study. pogil ... Gif Dr Doe is here to test your knowledge of chemistry! Answer correctly, she strips. Made using the Topaz Gigapixel AI 5. Stay on topic, be respectful, no low ... Yale and Hyster Forklift Error Codes List Yale and Hyster Forklift Error Codes List How to clear forklift error code: Hyster and Yale 2005 ... How to clear forklift error code: Hyster and Yale 2005 and newer models ; 522197-6, Range2 Calibration Error Cause Shift Timeout ; 522197-7, Range2 Calibration ... How to clear forklift error codes Apr 23, 2020 — In different forklift, each Error code means different things. On Yale and Hyster forklift the error code can be showed or can be in the system. yale fault codes - Design & Engineering discussion in ... Feb 19, 2021 — Discussion: yale fault codes. Yale GLC070VXNGSE076. Will not start. I get alternator, engine malfunction lights on dash then fault code 552752-9 then ... What are the Yale Forklift error codes? Aug 8, 2016 — Check the PTC that connects across the large terminals on the line contactor. If it is missing or not connected the capacitor in the

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