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Chapter 25 Vibrations and Waves Exercises

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Physics Reading and  
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Chapter 6 11. Circle  
the letter of each  
statement related to  
Newton's second law  
that is true. a.  
Acceleration is directly  
proportional to the net  
force. b. The direction  
of acceleration is the  
same as the net

force. Exercises -  
PHYSICS Mr.  
Bartholomew 106  
Conceptual Physics  
Reading and Study  
Workbook N Chapter  
13 Match each position  
or movement of an  
elevator with your  
weight if you stepped  
on a scale in the  
elevator. Elevator  
Position or Movement  
Weight Reading 37.  
sitting still a. no weight  
38. accelerating  
downward b. normal  
weight 39. accelerating  
upward c. greater  
weight than  
usual Exercises 210  
Conceptual Physics  
Reading and Study  
Workbook N Chapter  
25 16. Circle the letter  
of each statement  
about sound waves in  
air that is true. a. They  
carry energy. b. Air is  
the medium they travel  
through. c. They are a  
disturbance that

moves through the air.  
d. Air molecules are  
carried along with the  
wave. 25.4 Wave  
Speed (pages 495–496)  
17. Chapter 25  
Vibrations and Waves  
Exercises 120  
Conceptual Physics  
Reading and Study  
Workbook N Chapter  
15 15.3 The Second  
Postulate of Special  
Relativity (pages  
285–286) 9. Einstein  
concluded that if an  
observer could travel  
close to the speed of  
light, he would  
measure the light as  
moving away from him  
at. 10. Chapter 15  
Special  
Relativity—Space and  
Time Conceptual  
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Chapter 13 . Name  
Chapter 13 Universal  
Gravitation Class Date  
Match each change  
with the effect it would

have on the force of gravity between two objects. Change 22. The mass of one object doubles. 23. The mass of one object decreasesbpsphysics.weebly.com28 Conceptual Physics Reading and Study Workbook N Chapter 4 Use the graph below to answer Questions 40 and 41. 40. The relationship between distance and time on this graph is and the curve is . 41. What does the slope of the line at each point represent? 4.8 Air Resistance and Falling Objects (page 59) 42.Exercises - d39smchmfvhlz.cloudfront.netStart studying Conceptual Physics Chapter 13, Conceptual Physics Chapter 14. Learn vocabulary, terms, and more with flashcards, games, and

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that cause an airplane to move upward and forward. a. b. 7.5 Defining Systems (pages 112-113) 28. Exercises - PHYSICS Mr. Bartholomew 220 Conceptual Physics Reading and Study Workbook N Chapter 26 16. Suppose a friend far away taps a metal fence. Circle the letter of the true statement. a. The sound is softer and travels slower through the metal than through air. b. The sound is louder and travels slower through the metal than through air. c. Exercises - PC\|MAC36 Conceptual Physics Reading and Study Workbook N Chapter 5 5.6 Projectiles Launched at an Angle (pages 75-79) 32. The path of a projectile is also called its . 33. Circle

the letter that describes the motion of a ball thrown horizontally in the absence of gravity. Exercises Conceptual Physics Reading and Study Workbook Chapter 8 . Chapter 8 Momentum Momentum A 0.5-kg toy truck moving at a velocity of 0.5 m/s collides head-on with a 0.75-kg toy truck that is at rest. The trucks become entangled and lock together. What is the velocity of the two toy trucks after the collision? bpsphysics.weebly.com Conceptual Physics Reading and Study Workbook Chapter 27 231 . Name Chapter 27 Light 27.7 Polarization (pages 542-543) Date 47. Is the following sentence true or false? Polarization is a characteristic of true

transverse waves and not longitudinal waves. 48. Define polarization.riverratalpha.webs.comLearn chapter 13 conceptual physics with free interactive flashcards. Choose from 500 different sets of chapter 13 conceptual physics flashcards on Quizlet.chapter 13 conceptual physics Flashcards and Study Sets ...8 Conceptual Physics Reading and Study Workbook N Chapter 2 2.4 Equilibrium for Moving Objects Objects at rest are said to be in static equilibrium; objects moving at constant speed in a straight-line path are said to be in dynamic equilibrium. • Equilibrium is a state of no change. An object under the influence of only one force cannot be in ...Summary -

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210 Conceptual Physics Reading and Study Workbook N Chapter 25  
16. Circle the letter of each statement about sound waves in air that is true.  
a. They carry energy.  
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25.4 Wave Speed (pages 495–496)  
17.  
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36 Conceptual Physics Reading and Study Workbook N Chapter 5  
5.6 Projectiles Launched at an Angle

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air. c.

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120 Conceptual Physics Reading and Study Workbook N Chapter 15 15.3 The Second Postulate of Special Relativity (pages 285–286) 9. Einstein concluded that if an observer could travel close to the speed of light, he would measure the light as moving away from him at. 10.

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11. Circle the letter of  
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Resistance and Falling  
Objects (page 59) 42.  
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14. Mechanical energy

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Potential Energy

(pages 148-149) 16.

On each line, write

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231 . Name Chapter 27

Light 27.7 Polarization

(pages 542-543) Date

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Momentum A 0.5-kg

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collides head-on with a

0.75-kg toy truck that

is at rest. The trucks

become entangled and

lock together. What is

the velocity of the two

toy trucks after the

collision?

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position or movement

of an elevator with

your weight if you stepped on a scale in the elevator. Elevator Position or Movement Weight Reading 37. sitting still a. no weight 38. accelerating downward b. normal weight 39. accelerating upward c. greater weight than usual  
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