

# Concept Development Practice

## Page 9 3 Answers

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Concept Development Practice Page 9  
Concept-Development 9-3 Practice Page  $t = 0$  s  $v =$   
momentum =  $t = 1$  s  $v =$  momentum =  $t = 2$  s  $v =$   
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Sedan (slower) Compact Sedan; same force applied over a longer time produces more impulse.

Concept-Development 9-3 Practice Page

Concept-Development 9-2 Practice Page. 50 N

During each bounce, some of the ball's mechanical energy is transformed into heat (and even sound), so the PE decreases with each bounce. 6 100 N 100 N 10 cm 6:1 The same, 60 J 100 N 50 N CONCEPTUAL

PHYSICS 50 Chapter 9 Energy

Concept-Development 9-2 Practice Page

800 J 200 W 6 kW 2:1 250 N Block on A reaches

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Concept-Development 9-1 Practice Page

Name Class Date Concept-Development Practice

Page 9-1 Work and Energy 1. How much work

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Page 9-2 Conservation of Energy 1. Fill in the blanks for the six systems shown. 30 J 30 J 20 J 30 J 4 × 10<sup>6</sup> J

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9. When an automobile moves toward a listener, the sound of its horn seems relatively (low pitched) (normal) (high pitched) and when moving away from the listener, its horn seems (low pitched) (normal) (high pitched). 10. The changed pitch of the Doppler effect is due to changes in (wave speed) (wave frequency).

## Concept-Development 25-1 Practice Page

The concept that additionally depends on location in a gravitational field is (mass) (weight). (Mass) (Weight) is a measure of the amount of matter in an object and only depends on the number and kind of atoms that compose it.

## Concept-Development 2-1 Practice Page

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Concept-Development 3-1 Practice Page  
T T Toward center of circle Yes Yes Yes f f Because

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centripetal acceleration is not zero n n Yes Provides  
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PHYSICS

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Concept-Development 13-3 Practice Page

Gravitational Interactions The equation for the law of universal gravitation is where  $F$  is the attractive force between masses  $m_1$  and  $m_2$  separated by distance  $d$ .  $G$  is the universal gravitational constant (and relates  $G$  to the masses and distance as the constant ?

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Regional ...

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*concept-development-practice-page-9-3-answers-pdf*

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CONCEPTUAL PHYSICS Chapter 5 Projectile Motion  
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## Energy

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Concept-Development  
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# Concept-Development 9-3 Practice Page

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