

Concept-Development Practice Page

6-3

Racing Day with $a = F/m$

In each situation below, Cart A has a mass of 1 kg. Circle the correct answers (A, B, or Same for both).

1. Cart A is pulled with a force of 1 N.
Cart B also has a mass of 1 kg and is pulled with a force of 2 N.
Which undergoes the greater acceleration?

(A) (B) (Same for both)



3. Cart A is pulled with a force of 1 N.
Cart B has a mass of 2 kg and is pulled with a force of 2 N.
Which undergoes the greater acceleration?

(A) (B) (Same for both)



5. This time Cart A is pulled with a force of 4 N.
Cart B has a mass of 4 kg and is pulled with a force of 4 N.
Which undergoes the greater acceleration?

(A) (B) (Same for both)



2. Cart A is pulled with a force of 1 N.
Cart B has a mass of 2 kg and is also pulled with a force of 1 N.
Which undergoes the greater acceleration?

(A) (B) (Same for both)



4. Cart A is pulled with a force of 1 N.
Cart B has a mass of 3 kg and is pulled with a force of 3 N.
Which undergoes the greater acceleration?

(A) (B) (Same for both)



6. Cart A is pulled with a force of 2 N.
Cart B has a mass of 4 kg and is pulled with a force of 3 N.
Which undergoes the greater acceleration?

(A) (B) (Same for both)



thank to Dean Baird

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Houghton Mifflin Company



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Discoveries Houghton Mifflin Company,1988-03

Educational Psychology Stephen Elliott,John F Travers,1995

The World of Numbers Dale Carpenter,1957

Davis's Q&A Review For NCLEX-RN Kathleen A Ohman,2017-01-18

Davis s Q A Review for the NCLEX RN gives you an overview of the latest test plan and outlines the test taking strategies you need to prepare for the exam Practice questions guide you through all of the content covered on the NCLEX while two comprehensive exams test mastery of all subject areas covered on the NCLEX exam **Theoretical Nursing** Afaf Ibrahim Meleis,2011 An additional assumption was that the processes for theory development were new to nursing and hence nurses in graduate programs learned strategies for advancing knowledge from other disciplines This assumption was debunked with the knowledge that nurses were always engaged in knowledge development driven by their experiences in clinical practice Because of these assumptions most of the early writing about theory development was about outlining strategies that should be used rather than strategies that have already been used in the discipline to develop theories Theorists themselves did not uncover or adequately discuss ways by which they developed their theories therefore the tendency was to describe processes that were based on theories developed in other disciplines mainly the physical and social sciences And an implicit assumption was made that there should be a single strategy for theory development some claiming to begin the process from practice and others believing it should be driven by research Provided by publisher **Cumulated Index Medicus** ,1999

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Durell,1930

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Library & Information Science Abstracts ,2002

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Journal of the American Dietetic Association ,1999

The Fuller Bristler ,1922

Scott Foresman-Addison Wesley Mathematics ,2008

The United Nations World Water Development Report

World Water Assessment Programme (United Nations),2016

Cook & Hussey's Assistive Technologies Albert M.

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