<http://wug.physics.uiuc.edu/cgi/courses/shell/per/phys111/ie.pl?03/IE_forces>

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This is an interactive homework problem for introductory physics students relating to vector addition. Given a free-body diagram depicting three forces acting on an object, students are required to find the magnitude of the net force. A user-activated "help" sequence is provided for each step of the problem-solving, from conceptual analysis through quantitative calculations. Immediate feedback is received for both correct and incorrect responses.

This item is part of a larger collection of interactive homework problems for introductory physics.

Gladding, G. (2006, June 16). *Illinois PER Interactive Examples: Forces*. Retrieved November 19, 2010, from University of llinois Physics Education Research Group: http://wug.physics.uiuc.edu/cgi/courses/shell/per/phys111/ie.pl?03/IE\_forces