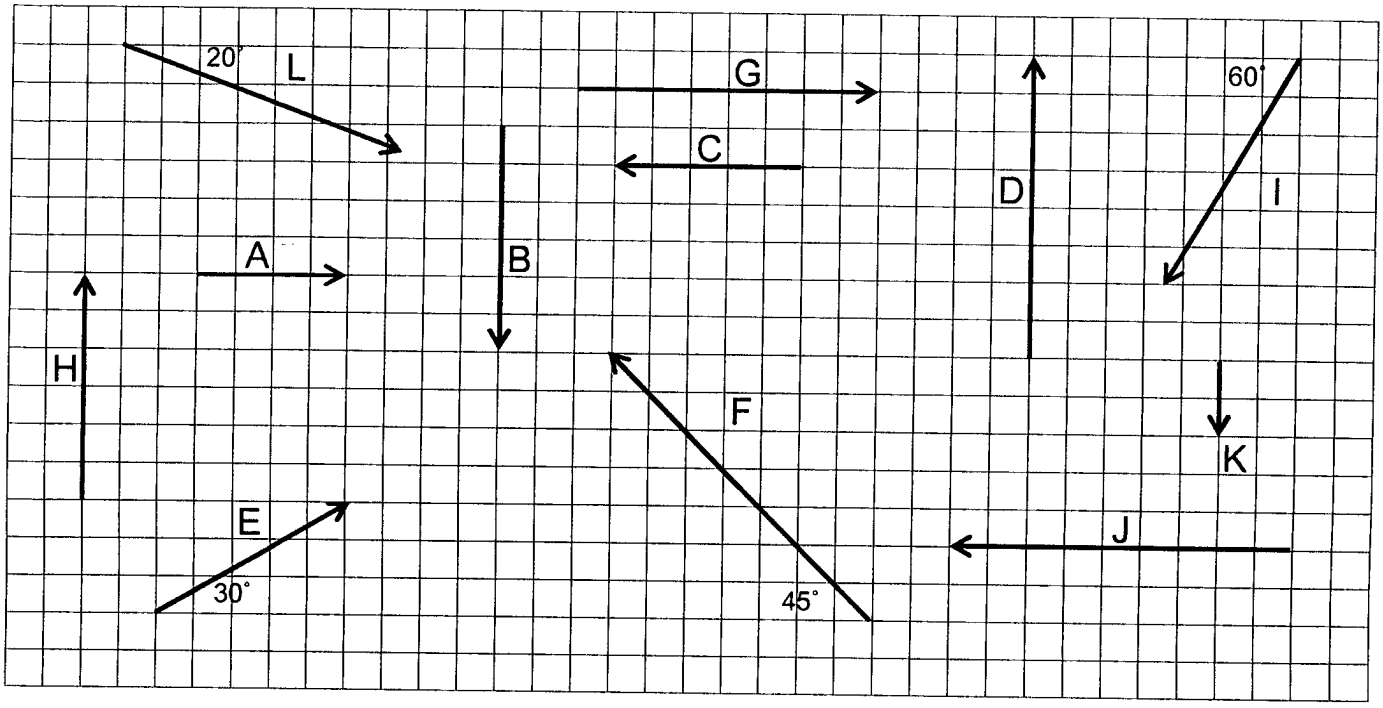
Mr. Holman
Physics I
VECTOR PROBLEMS

Name: _____

Vector Arithmetic (GRAPHICALLY)



Using the vector diagrams drawn, determine the magnitude and direction of each vector quantity.

A =

G =

B =

H =

C =

I =

D =

J =

E =

K =

F =

L =

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In the blank grids, perform each vector operation GRAPHICALLY using the head-to-tail method. State the magnitude and direction of the resultant vector.

A + G

B + D

J – C

D + J

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E + G

H + H

3C + F

$4K + \frac{3}{2}G$