Vector Algebra ws

a. 5.0×10^{N} [36° above +x]

b. 31 m [67° below +x]

c. CAN'T ADD! DIMENSIONS ARE DIFFERENT

d. 9.9 m/s [67° above −x]

e. 8300 m [13° E of N]

f. 75 m/s [13° W of S]

g. 1.4 m/s^2 [36° below −x]

$N/kg = m/s^2$

② a. $1.0 \times 10^{m/s}$ [53° S of E] (37° E of S)

b. $1.0 \times 10^{m/s}$ [53° S of E] (37° E of S)

c. $1.0 \times 10^{m/s}$ [53° N of E]

d. $1.0 \times 10^{m/s}$ [53° S of W]

e. Impossible

f. 2.0 m/s west

g. $1.0 \times 10^{m/s}$ [53° S of W]

h. $1.0 \times 10^{m/s}$ [53° N of E]

i. $0.83\ m/s^2$ [53° S of W]

j. $6.0 \times 10^{3}\ kgm/s$ [1.9° S of E]

k. Impossible

l. 18 m [63° S of W]