

CHS Part 2

Key
10/8/10
PER X
CHS Part 2

37. Sneeze lee

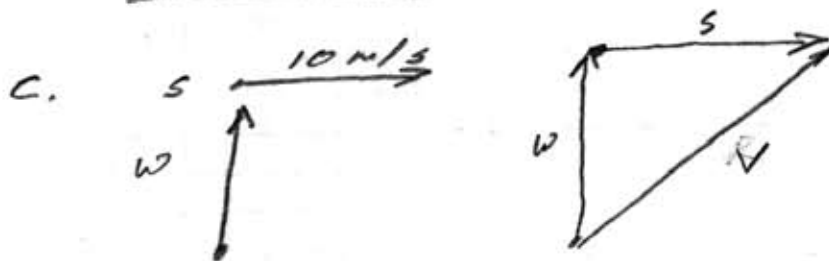


a. $S \xrightarrow{10 \text{ m/s}}$
Wind $\leftarrow 2 \text{ m/s}$
 $V = 10 \text{ m/s} - 2 \text{ m/s}$

$V = 8 \text{ m/s}$

b. $S \xrightarrow{10 \text{ m/s}}$
Wind $\xrightarrow{2 \text{ m/s}}$
 $V = 10 \text{ m/s} + 2 \text{ m/s}$

$V = 12 \text{ m/s}$

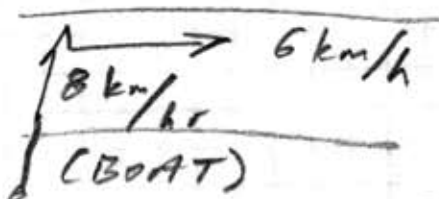


$V = \sqrt{(10 \text{ m/s})^2 + (10 \text{ m/s})^2}$

$V = 14 \text{ m/s}$

@ 45° ANGLE

38.



a. $S = \sqrt{(8 \text{ m/s})^2 + (6 \text{ m/s})^2}$

$S = 10 \text{ m/s}$

b. see next page