

Sample Exam #3 Answers

Problem 1)

- a) $D > A=B > C$
None are zero
- b) $D > A=B > C$
None are zero
- c) $D > A=B > C$
None are zero

Problem 2)

- a) $V_A = 0$
 $V_B = 24.2 \text{ m/s}$
 $V_C = 9.90 \text{ m/s}$
 $V_D = 18.8 \text{ m/s}$
- b) 20.4 m/s

Problem 3)

7.31 m

Problem 4)

1.21 m