

2. (b) 1.796 L; (c) 91.87 %

3. (a) 0.345 L; (b) % 87.66 (c) 11.13 g

4. (a) % 84.98; (b) 23.9 mL

5. (a) $1.83 \cdot 10^{-2}$ atm; (b) 0.445 mL; (c) %28.58

6. (b) 0.833 mol; (c) 6.995 L; (d) 852 mL.