

Moles and Solutions Answers

1. a. **0.5 mol dm⁻³**
b. **1.25 mol dm⁻³**
c. **2.00 mol dm⁻³ (3 s.f.)**
d. **0.667 mol dm⁻³ (3 s.f.)**

2. a. **0.5 mol**
b. **0.15 mol**
c. **0.50 mol (2 s.f.)**
d. **0.040 mol (2 s.f.)**

3. **5.06 g (3 s.f.)**

4. **800 cm³**

5. **98.1**