

Percentage Yield Answers

1. **86.66% (4 s.f.)**
2. a. **90.8% (3 s.f.)**
 - b. **The reaction is reversible. Therefore, some of the sulfur trioxide will always decompose to form sulfur dioxide and oxygen.**
 - c. **84.7% (3 s.f.)**
3. **60.4% (3 s.f.)**
4. **B**