Charles' Law Problems

Name:_____

Correct the following volumes of gases for the temperature changes indicated. Assume the pressure is constant.

1. 2.90 m^3 at 226K to 23°C

2. 376 cm^3 at 379K to 51°C

3. 7.91 L at 52°C to 538K

4. 667 mL at 431K to 41°C

5. 4.82 ft^3 at 22°C to 31°C