**1.** Evaluate. Do not use a calculator.

**a)**  **b)** 

**2.** Evaluate. Do not use a calculator.

**a)**  **b)** 

**3.** A formula for the area of a trapezoid is where *b* and *c* are the lengths of the parallel sides and *a* is the perpendicular distance between these sides. Use the formula to determine the area of a trapezoid with: cm, cm, cm.

**4.** Evaluate.

**a)** 

**b)** 

**5.** Evaluate this expression. Round the answer to the nearest hundredth.  
