Topographic Map Exercise 2

1. What is the name of the quadrangle and what year was it last published?

2. What is the magnetic declination on the topographic map?

3. What is the contour interval of the map?

4. How do you know which contours are Index Contours?

5. What is the easternmost longitude line on the topographic map?

6. What is the southernmost latitude line on the topographic map?

7. What cultural feature extends from the southwest corner of the map to the northeast corner of the map?

8. Convert the following representative fractions to ground distance:
   
   \[
   \begin{align*}
   1 : 96,000 & \quad 1'' = \underline{\hphantom{0}} \text{ feet} \\
   1 : 126,720 & \quad 1'' = \underline{\hphantom{0}} \text{ mile}
   \end{align*}
   \]

9. Convert the following ground distances to representative fractions:
   
   \[
   \begin{align*}
   1'' &= 0.5 \text{ mile} \\
   1'' &= 16,667' \\
   1'' &= 1/8 \text{ mile}
   \end{align*}
   \]