

**Exam 1 on Monday, July 6 will consist of the following**

- 6 questions from this review sheet (like the daily quizzes)
- + all previous quiz questions ( $7 \times 6 = 42$ ) → 48 questions
- + 12 additional questions from the daily review questions/classwork exercises → 60 questions

Review questions Thursday, July 2

1. Where, in general, do most earthquakes occur?
  
2. What is the earthquake danger associated with water in soil?
  
3. Explain the three types of solid tectonic forces and the result of each type.
  
4. What type of rock provides the best evidence of solid tectonic activity? Why?
  
5. Draw an anticline in 3 layers of sedimentary rock. Draw a syncline in 3 layers of sedimentary rock.
  
6. Are the rocks in the center of an eroded anticline older or younger than the rocks exposed as you walk away from the center?
  
7. What is the difference between a fault and a fold?
  
8. Draw a normal fault in 3 layers of sedimentary rock. Draw a reverse fault in 3 layers of sedimentary rock.
  
9. How might a lateral (strike-slip) fault affect a stream that crosses it?
  
10. What is the difference in the terms hill and anticline, valley and syncline?