

## Unit 4: New Frontiers in Engineering

### Reading 1: Reach for the Sky

Answer the questions as you read.

1. What is the purpose of the questions in paragraph 1? \_\_\_\_\_  
\_\_\_\_\_
2. List the steps in the process described in paragraph 2 and in the diagram. \_\_\_\_\_  
\_\_\_\_\_
3. What are the different uses of skyscrapers given in paragraph 3? \_\_\_\_\_  
\_\_\_\_\_
4. What safety factor is explained in paragraph 4 and what are some potential challenges to ensuring it? \_\_\_\_\_  
\_\_\_\_\_
5. What has led to stricter building regulations? (paragraph 5) \_\_\_\_\_  
\_\_\_\_\_
6. What is the potential safety concern explained in paragraph 6 and what are some ways to deal with it? \_\_\_\_\_  
\_\_\_\_\_
7. What is the uncomfortable experience explained in paragraph 7 and the diagram and what are some ways to deal with it? \_\_\_\_\_  
\_\_\_\_\_
8. What does *mandatory* in paragraph 8 mean? \_\_\_\_\_  
\_\_\_\_\_
9. What does *reach for the sky* mean in the title and in paragraph 9? How does it relate to the article? \_\_\_\_\_  
\_\_\_\_\_