

Answer part (a) here. [4]

1. \_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_
4. \_\_\_\_\_  
\_\_\_\_\_

Develop and sketch three ideas. [12]

Answer part (b) here. [4]

Part (c) continued



Evaluate your ideas. [6]

1. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Identify your chosen ideas and give reasons for your choice. [2]

**Chosen idea** \_\_\_\_\_

**Reasons** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Draw the full solution to the problem here. Include construction details and major dimensions. [12]

Answer part (f) here. [2]

1. **Material** \_\_\_\_\_

**Reasons** \_\_\_\_\_

2. **Material** \_\_\_\_\_

**Reasons** \_\_\_\_\_



Answer part (g) here. [8]

