

Topic 2 Unit 4 Science 7
Describing Structures

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Name:

Date:

1.) The four main points must be concerned when building a structure are function, safety, cost, and aesthetics. Define the terms.

a.) function:

b.) aesthetics

c.) margin of safety:

2.) a.) The _____ or characteristics of the materials must match the purpose. Define the word that fills in the blank >

b.) _____:

3.) What is a (composite) material? Page 286

4.) Lamination make structures stronger by having materials in the layer go in different directions which help it resist stresses from different directions. What are laminations? :

5.) When picking a material for a structure, what 4 points may be considered Page 288 and 289.

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