

Structures Level 1 Quiz – Answer Key

1) The science & art of designing structures and buildings is known as:

Select one:

- a) stability
- b) architecture
- c) circumference
- d) square

2) What do shapes provide for the design of structures and buildings?

Select one:

- a) style
- b) structure
- c) stability
- d) all of the above

3) How long have shapes been used in architecture?

Select one:

- a) ancient times or earlier
- b) Since 1800
- c) Since 1900
- d) Since 2000

4) Which of the following shapes are used in structures and architecture?

Select one:

- a) squares & rectangles
- b) triangles
- c) circular shapes
- d) all of the above

5) Which of the following shapes are most commonly used in structures and architecture?

Select one:

- a) squares & rectangles
- b) triangles
- c) circular shapes
- d) all of the above

6) Which of the following shapes provide the most strength in structures and architecture?

Select one:

- a) squares & rectangles
- b) triangles
- c) circular shapes
- d) all of the above

7) Which of the following shapes form the curve of arches?

Select one:

- a) squares & rectangles
- b) triangles
- c) **circular shapes**
- d) all of the above

8) Which of the following shapes inspire and form pyramid structures?

Select one:

- a) squares & rectangles
- b) **triangles**
- c) circular shapes
- d) all of the above

9) Which term best describes lines perpendicular and parallel to one another, with 90-degree right angles?

Select one:

- a) stability
- b) architecture
- c) circumference
- d) **square**

10) Which term best describes the distance around the edge of a circle?

Select one:

- a) stability
- b) architecture
- c) **circumference**
- d) square