



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Building 3D Shapes

*Solve for x. Show your work.*

1. Can you roll a cube?
2. How many cubes are in a tower of 4?
3. How many cubes stack to make a tower of 3?
4. If you put 2 cubes side by side, how many cubes do you have?
5. If you put 2 cubes side by side, how many cubes do you have?
6. Can you roll a cube?
7. If you stack 3 cubes, how many vertices are visible from the top?
8. What shape do you get if you trace a face of a cube?



## Building 3D Shapes – Answer Key

1. Can you roll a cube?

No

2. How many cubes are in a tower of 4?

3. How many cubes stack to make a tower of 3?

4. If you put 2 cubes side by side, how many cubes do you have?

2

5. If you put 2 cubes side by side, how many cubes do you have?

2

6. Can you roll a cube?

No

7. If you stack 3 cubes, how many vertices are visible from the top?

4

8. What shape do you get if you trace a face of a cube?