



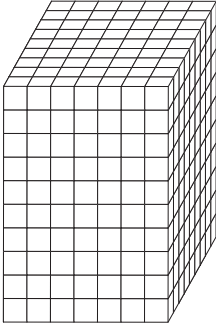
Name _____ Date _____

Problem Solving: Surface Area or Volume

CA Standards
MG 3.0, MR 1.0

Find the volume and surface area.

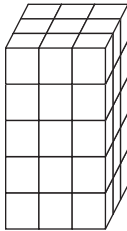
1.



Volume = _____

Surface Area = _____

2.



Volume = _____

Surface Area = _____

Determine if the situation requires surface area or volume to solve.

3. Alex wants to know how much gift wrap to use to wrap a box. Surface Area or Volume?

4. Kai needs to measure a box to see how many tennis balls it can hold. Surface Area or Volume?

Solve.

5. Jeremy knows the surface area of a cube is 486 ft². Explain how he can compute the volume of the cube.

6. Margot found the area of one of the faces of a cube to be 25 ft². Explain how she can use this information to find the volume and the surface area of the cube.

