

# Three-Dimensional Figures

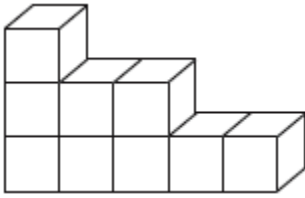
You must earn 6 points!

Draw the front, side, and top views of the stack of cubes. Then find the number of cubes in the stack.

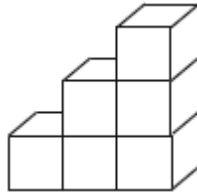
1

point

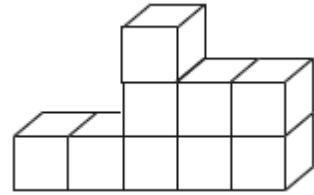
1.



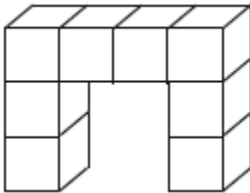
2.



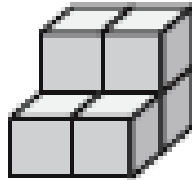
3.



4.



5.

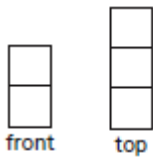


6.



**Solve the word problem.**

7. Two of the three views of a solid are shown.

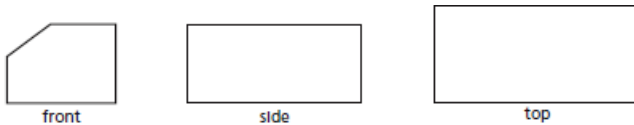


- a. What is the greatest number of unit cubes in the solid?
- b. What is the least number of unit cubes in the solid?
- c. Draw the side views of both solids in parts (a) and (b).

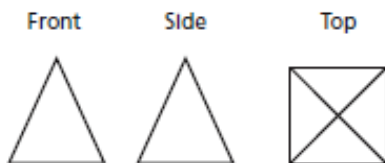
2

points

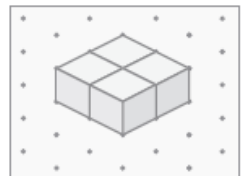
8. Draw a solid with the following front, side, and top views.



9. Draw a solid with the following front, side, and top views.



10. Draw three different solids that use the same number of cubes as the solid at the right.



# Reflecting Back

You must complete ALL 6 problems!

1. Simplify the expression by combining like terms.

$$12x + 4 + 5y - 8x + 6$$

2. Simplify the expression by using the Distributive Property and then combining like terms.

$$3(5 + x - 3)$$

3. Solve for x.

$$2x + 5 = 45$$

4. Find the unit rate.

You worked 20 hours last week and earned \$240.00. What was the unit rate you earned per hour?

5. Find the percent.

What is 25 percent of 96?

6. Evaluate the expression.

$$2^2 + 2 \{40 - (2 \cdot 5)\}$$