

**Name:****Date:07/06/2020****Read each question carefully.****Write the letter for your answer on the line provided.**

6. A store is stacking cans of food into a triangular display. The bottom layer has 11 cans. There are 6 layers. If there are two fewer cans in each layer, how many cans are in the display?
- F. 34 cans H. 36 cans
G. 35 cans I. 37 cans
7. Adel makes a composite figure by stacking 4 rectangular prisms that are each 3 inches by 5 inches by 7 inches. Find the volume for the composite figure.
- A. 420 in^2 C. 693 in^2
B. 420 in^3 D. 693 in^3
8. Mr. Ayala wants to fill a canister with peanuts. Which measurement does he need to find to determine the amount of peanuts that will fit?
- F. area H. surface area
G. perimeter I. volume
9. Mrs. Smith stacked 6 cubes on top of one another to make a tower. If the tower is sitting on the floor, how many of the cubes' faces can Mrs. Smith see?
- A. 24 faces C. 26 faces
B. 25 faces D. 30 faces
10. Shu Ping draws a regular hexagon. The total length of the sides is 30 feet. What is the length of one side?
- F. 5 feet H. 7 feet
G. 6 feet I. 8 feet
11. Rosa drew a triangle with sides measuring 36 inches, 20 inches, and 24 inches. What type of triangle did Rosa draw?
- A. equilateral triangle C. scalene triangle
B. acute triangle D. isosceles triangle