Name Date

9.4

puzzle

Puzzle Time

What Game Do Bakers Like To Play?

Write the letter of each answer in the box containing the   
exercise number.

Answers

G. 

C. 

A. 

H. 

T. 

U. 

D. 

I. 

O. 

C. 

T. 

Find the volume of the prism.

1. a rectangular prism measuring 9 inches by 4 inches by   
15 inches

2. a rectangular prism that measures 7 centimeters by   
5 centimeters by 12 centimeters

3. a rectangular prism that measures 6 feet by 8 feet by 7 feet

4. a triangular prism with bases that have a base of 8 inches   
and a height of 12 inches; The height of the prism is 5 inches.

5. a triangular prism with bases that have a base of 7 feet   
and a height of 4 feet; The height of the prism is 9 feet.

6. a triangular prism with bases that have a base of   
11 centimeters and a height of 8 centimeters; The   
height of the prism is 4 centimeters.

7. a pentagonal prism with a base area of 92 square inches;   
The height of the prism is 6 inches.

8. a hexagonal prism with a base area of 81 square centimeters; The height of the prism is 9 centimeters.

9. A baking dish shaped like a rectangular prism measures 9 inches   
by 12 inches by 2 inches. What is the volume of the dish?

10. A salt shaker is shaped like a pentagonal prism. Its base area is   
18 square centimeters. The height of the prism is 9 centimeters.   
What is the volume of the salt shaker?

11. A flower garden box is shaped like an octagonal prism. The base   
area is 48 square feet. The height of the prism is 2 feet. What is   
the volume of the flower garden box?

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | 6 | 10 |  | 7 | 1 | 9 |  | 8 | 3 | 5 | 11 | 2 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |