Kaboodle

Algebra

Topic: Word Problems

Name:

Date:

1. Think of a number, add 2 to it and then multiply the sum by 6, the result is 42. Number = ?

2. The side of a regular hexagon is s cm. Find its perimeter.

 cm

3. The number of bacteria in a culture is x now. It becomes square of itself after one week. What will be its number after two weeks?

x

4. If there are x rows of chairs and each row contains x^2 chairs. Determine the total number of chairs.

x

5. The length of a rectangle is y times its breadth x. The area of the rectangle is

x y

6. The length and breadth of a room are $3x^2y^3$ and $6x^3y^2$. Find its and area.

x y

7. What is the value of x + x + x + ... (y times) =

8. A chair costs ₹x. The cost of x^2y chairs is = ₹ x y

9. A man spends ₹x per week. The total money spent by him in xy^2 weeks is = ₹ x y

10. There are 47 boys in the class. This is three more than four times the number of girls. How many girls are there in the class?