Square Numbers 2

Here is the pattern of square numbers:

$1 \times 1 = \mathbf{1}$
$2 \times 2 = \mathbf{4}$
$3 \times 3 = \mathbf{9}$
$4 \times 4 = \mathbf{16}$
$5 \times 5 = \mathbf{25}$
$6 \times 6 = \mathbf{36}$
$7 \times 7 = \mathbf{49}$
$8 \times 8 = \mathbf{64}$
$9 \times 9 = \mathbf{81}$
$10 \times 10 = \mathbf{100}$

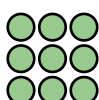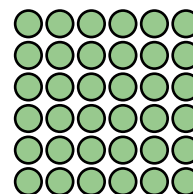These numbers will appear in different patterns. Draw this one out.
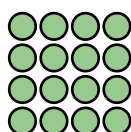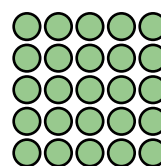
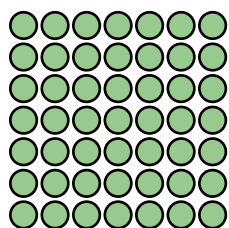**1**   **4**   **9**   **16**   **25**   **36**
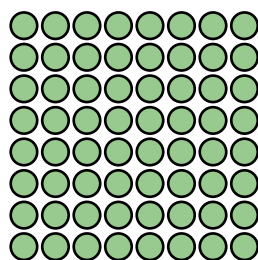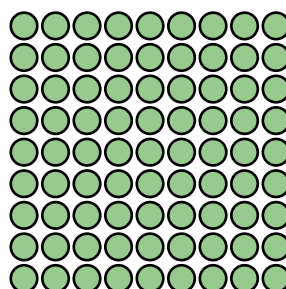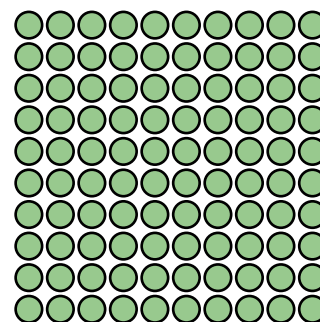

49   **64**   **81**   **100**

$4 \times 4 = 16,$ 16 is a square number.
Another way to show a square number is the notation 4^2. 4^2 means 4×4.

A.   Write what the following mean:
   1). 5^2,   2). 1^2,   3). 7^2,   4). 10^2,
   5). 2^2,   6). 8^2,   7). 3^2,   8). 9^2.

4^2 is said as '*four squared*'.

B.   Write in words how you say the following:
   1). 5^2,   2). 1^2,   3). 7^2,   4). 10^2,
   5). 2^2,   6). 8^2,   7). 3^2,   8). 9^2.

The value of $4^2 = 4 \times 4 = 16$.

C.   Find the value of:
   1). 5^2,   2). 1^2,   3). 7^2,   4). 10^2,
   5). 2^2,   6). 8^2,   7). 3^2,   8). 9^2.

Learn these square numbers off by heart: **1, 4, 9, 16, 25, 36, 49, 64, 81, 100**.