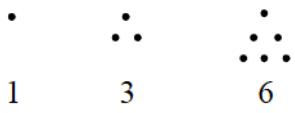




Find the next 3 triangular numbers and draw in the dots to represent them

Add a row, each row increases by 1 dot



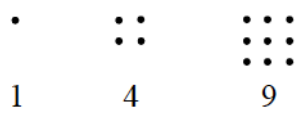
1  →   
 4th number

2  →   
 5th number

3  →   
 6th number



Find the next 4 square numbers and draw them with dots.



4  →   
 4th number

5  →   
 5th number

6  →   
 6th number

7  →   
 7th number

List the first 10 square numbers then calculate the next 10



8  $1^2 = 1 \times 1 =$

9  $2^2 = 2 \times 2 =$

10  $3^2 =$    $\times$    $=$

11  $4^2 =$

12  $5^2 =$

13  $6^2 =$

14  $7^2 =$

15  $8^2 =$

16  $9^2 =$

17  $10^2 =$

18  $11^2 =$

19  $12^2 =$

$11 \times$	$12 \times$
<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>
<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>

20  $13^2 =$

21  $14^2 =$

$13 \times$	$14 \times$
<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>
<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>

22  $15^2 =$

23  $16^2 =$

$15 \times$	$16 \times$
<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>
<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>

24  $17^2 =$

25  $18^2 =$

$17 \times$	$18 \times$
<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>
<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>

26  $19^2 =$

27  $20^2 =$

$19 \times$	$20 \times$
<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>
<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>

24  $17^2 =$        25  $18^2 =$

$17 \times$	$18 \times$
<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>
<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>

26  $19^2 =$        27  $20^2 =$

$19 \times$	$20 \times$
<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>
<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>



Using your previous answers find the square root of these numbers

28  $\sqrt{81} =$        29  $\sqrt{49} =$

30  $\sqrt{100} =$        31  $\sqrt{16} =$

32  $\sqrt{121} =$        33  $\sqrt{225} =$

34  $\sqrt{400} =$        35  $\sqrt{256} =$

36  $\sqrt{324} =$        37  $\sqrt{81} =$

38  $\sqrt{361} =$        39  $\sqrt{289} =$