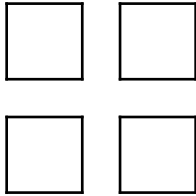


## Square Numbers

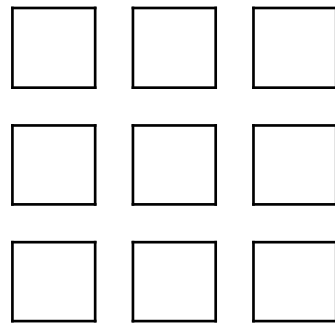
1a. Which squared number does this diagram represent?



VF

## Square Numbers

1b. Which squared number does this diagram represent?



VF

2a. Calculate:



VF

2b. Calculate:



VF

3a. Match the squared numbers. The first one has been done for you.

1 <sup>2</sup>	3 <sup>2</sup>	5 <sup>2</sup>	7 <sup>2</sup>	9 <sup>2</sup>
3 x 3	1 x 1	7 x 7	9 x 9	5 x 5
9	81	1	49	25

Arrows indicate: 1<sup>2</sup> matches 1 x 1 and 1; 3<sup>2</sup> matches 3 x 3 and 9.



VF

3b. Match the squared numbers. The first one has been done for you

2 <sup>2</sup>	6 <sup>2</sup>	7 <sup>2</sup>	4 <sup>2</sup>	8 <sup>2</sup>
7 x 7	2 x 2	8 x 8	4 x 4	6 x 6
4	16	36	49	64

Arrows indicate: 2<sup>2</sup> matches 2 x 2 and 4; 4<sup>2</sup> matches 4 x 4 and 16.



VF

4a. Complete the table below.

__ <sup>2</sup>	9
__ <sup>2</sup>	36
__ <sup>2</sup>	64



VF

4b. Complete the table below.

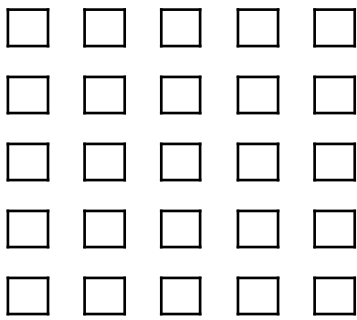
__ <sup>2</sup>	25
__ <sup>2</sup>	49
__ <sup>2</sup>	81



VF

# Square Numbers

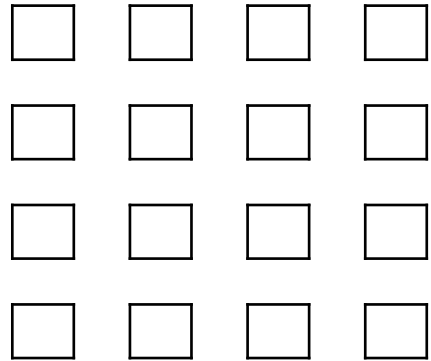
5a. Which squared number does this diagram represent?



VF

# Square Numbers

5b. Which squared number does this diagram represent?



VF

6a. Calculate:

3 squared

$5^2$

11 squared

$7^2$

8 squared

$6^2$



VF

6b. Calculate:

2 squared

$1^2$

10 squared

$8^2$

12 squared

$7^2$



VF

7a. Circle the square numbers.

11

16

21

22

36

25

9

10

23

46

62

64

66

68

60



VF

7b. Circle the square numbers.

81

91

101

111

121

104

144

56

49

35

64

74

84

94

100



VF

8a. Complete the table below.

$\_\_\_^2$	$2 \times 2$	4
	$4 \times 4$	
$11^2$		
	$8 \times 8$	



VF

8b. Complete the table below.

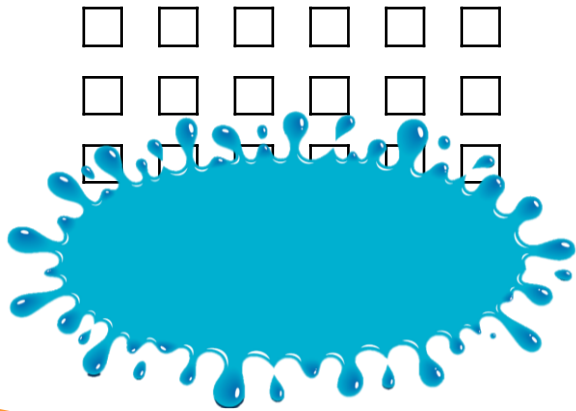
$\_\_\_^2$	$3 \times 3$	9
	$5 \times 5$	
		49
	$12 \times 12$	



VF

## Square Numbers

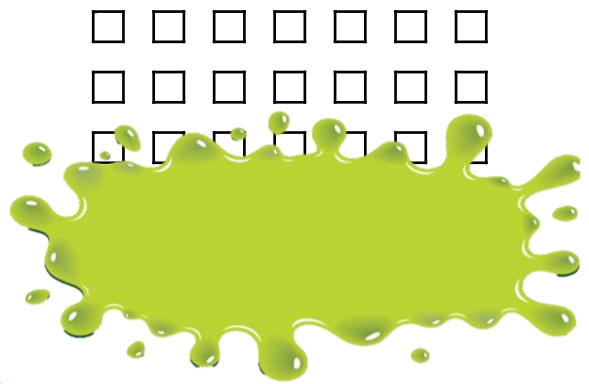
9a. Which squared number could this diagram represent?



VF

## Square Numbers

9b. Which squared number could this diagram represent?



VF

10a. Calculate:

$3^2 + 5$

$11^2 - 10$

$7^2 + 3$

$5^2 - 7$

$8^2 + 4$

$6^2 - 6$



VF

10b. Calculate:

$1^2 + 3$

$12^2 - 5$

$10^2 - 4$

$9^2 + 9$

$4^2 + 8$

$3^2 + 12$



VF

11a. Circle the square numbers.

16	21	eleven	twenty two	46
nine	225	twelve	36	twenty three
sixty four	62	169	sixty eight	60



VF

11b. Circle the square numbers.

101	ninety two	81	110	121
144	104	fifty two	36	forty nine
sixty four	94	104	ninety four	400



VF

12a. Complete the table below.

$12^2$	$12 \times 12$	144
$13^2$		
$14^2$		
$15^2$		



VF

12b. Complete the table below.

	$13 \times 13$	169
$14^2$	$14 \times 14$	196
$15^2$		225
		400



VF