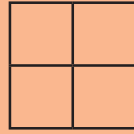


# Squire Square

Squire Square is investigating square numbers. When you multiply a number by itself, you get a square number. We show a number is being squared by writing a small number 2 above and to the right of the number. For example:

$$2^2 = 2 \text{ squared} = 2 \times 2 = 4$$

This can also be illustrated with a square:



Complete the following table with all the square numbers up to  $10^2$  to help Squire Square.

$1^2$	$1 \times 1$	1
$2^2$		
$3^2$		
		16
$5^2$		
$6^2$		36
	$7 \times 7$	
$8^2$		
$9^2$		
$10^2$		

Well done – you completed the squire's challenge! Now, try to complete these calculations using your knowledge of square numbers.

1.  $7^2 + 3^2 =$  \_\_\_\_\_

2.  $10^2 + 6^2 =$  \_\_\_\_\_

3.  $3^2 + 8^2 =$  \_\_\_\_\_

4.  $4^2 + 5^2 =$  \_\_\_\_\_

5.  $6^2 + 6^2 =$  \_\_\_\_\_

6.  $3^2 + 4^2 + 5^2 =$  \_\_\_\_\_