L.O. To recognise square numbers.

To square a number, we multiply it by itself.

eq. 4 squared (written as 4^2) = 4 x 4

So when a number is multiplied by itself, the answer is a 'square number'.

Square the following numbers:

1.	2	5. 11
2.	4	6. 13
3.	7	7. 15
4.	9	8. 20

Which numbers multiplied by themselves, give the following:

9. 1	13.64
10. 9	14. 100
11. 25	15. 121
12. 36	16. 144

A square has four sides which are all the same length. Each angle is a right angle (90). What is the area of a square whose side is:

17.6cm in length	19. 14cm in length
18. 8cm in length	20. 30cm in length

For more practice on recognising square numbers, use the following link:

https://www.topmarks.co.uk/maths-games/hit-the-button

The more square numbers you can remember, the more this will help you recall the times tables facts that surround that square number.



eg. If I know $7 \times 7 = 49$, then I can just add on another 7 to find $8 \times 7 = 56$ or take a 7 away to find $6 \times 7 = 42$ making recalling times tables easier.



For more practice on spotting prime numbers, have a go at travelling through this prime number maze!



Prime Number Sequence Maze

Date:



Help the pirates find their secret island by following the path of prime numbers in sequence, beginning with 2.



11	5	73	61	79	2	47	29	53
29	61	29	7	73	3	29	19	53
41	79	37	23	83	5	7	11	73
37	37	2	5	59	53	19	13	17
19	59	53	47	61	17	73	59	19
89	61	29	43	41	37	31	29	23
43	67	31	19	2	79	2	67	43
59	71	5	7	13	71	13	11	13
23	73	53	47	31	89	71	37	47
29	79	83	89	41	59	17	13	31
31	19	61	97	79	11	2	7	5





Prime Number Sequence Maze A N S W E R K E Y



Help the pirates find their secret island by following the path of prime numbers in sequence, beginning with 2.

11	5	73	61	79	(2)	47	29	53
29	61	29	7	73	3	29	19	53
41	79	37	23	83	5	(7)	(11)	73
37	37	2	5	59	53	19	(13)	(17)
19	59	53	47	61	17	73	59	19
89	61	29	43	(41)	(37)	31)	(29)	(23)
43	67	31	19	2	79	2	67	43
59	(71)	5	7	13	71	13	11	13
23	73	53	47	31	89	71	37	47
29	(79)	83	89	41	59	17	13	31
31	19	61	97)	79	11	2	7	5

