

Canonbury Home Learning

Year 6 Maths

Developing/ Expected/ Greater depth activity

Lesson 5

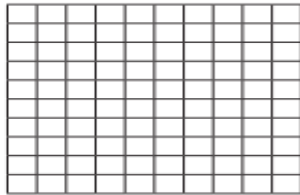
LO: TBAT identify patterns in number sequences.


Task: To complete short activities relating to numbers and patterns.

Success Criteria:

- | |
|--|
| 1. Read the question. |
| 2. Use the grids provided to answer the questions. |
| 3. Check your answers. |

100 Square									
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

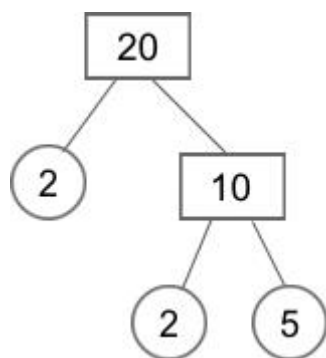
Square Numbers			
1^2	$1 \times 1 =$	1	<p>The product of a number multiplied by itself. e.g. $10 \times 10 = 100$ which can be shown as: $10^2 = 100$ 10 squared = 100 $10 \times 10 = 100$</p> 
2^2	$2 \times 2 =$	4	
3^2	$3 \times 3 =$	9	
4^2	$4 \times 4 =$	16	
5^2	$5 \times 5 =$	25	
6^2	$6 \times 6 =$	36	
7^2	$7 \times 7 =$	49	
8^2	$8 \times 8 =$	64	
9^2	$9 \times 9 =$	81	
10^2	$10 \times 10 =$	100	
11^2	$11 \times 11 =$	121	
12^2	$12 \times 12 =$	144	
13^2	$13 \times 13 =$	169	
14^2	$14 \times 14 =$	196	
15^2	$15 \times 15 =$	225	


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Main activity

$$20 = 2 \times 2 \times 5$$



Write 90 as a product of its prime factors.

$$90 =$$

Q4.

The three numbers missing from these boxes are all **prime numbers greater than 3**

Write in the missing **prime numbers**.

$$\square \times \square \times \square = 1001$$