

Maths Workout - Number

Topic 10 - Powers				
Target 1	Target 2	Target 3	Target 4	Target 5
<i>Calculate and identify squares</i>	<i>Calculate and identify square roots and squares</i>	<i>Calculate and identify cubes and cube roots Solve problems</i>	<i>Calculate and identify cubes and cube roots Solve problems</i>	<i>Write, expand and calculate positive, whole powers</i>
1. Enter the first ten squares numbers	1. Enter the first ten square roots	1. Enter the first ten cube numbers	1. Identify which numbers are both square and cube by completing a Venn diagram of square and cube numbers	1. Expand powers of 10: powers 2 to 7
2. Enter the missing numbers in straightforward square number calculations: 1-10	2. Enter the missing numbers in straightforward square root calculations: 1-10	2. Enter the missing numbers in straightforward cube number calculations: 1-10	2. Enter the first ten cube roots	2. Expand powers of 2: powers 2 to 7
3. Speed response: Identify the first 10 square numbers	3. Enter missing numbers in calculations involving squares and square roots: 1-10	3. Speed response: Identify the first 10 cube numbers	3. Enter the missing numbers in straightforward cube root calculations: 1-10	3. Expand powers of 3: powers 2 to 7
4. Enter missing numbers in calculations involving square numbers: 1-10		4. Enter missing numbers in calculations involving cube numbers: 1-10	4. Enter missing numbers in calculations involving squares, cubes, square roots and cube roots: 1-10	4. Expand powers of 1 to 5 : powers 2 to 7
5. Enter the second ten squares numbers: 11-20		5. Enter missing numbers in calculations involving square and cube numbers: 1-10	5. Complete questions in context involving squares, cubes, square roots and cube roots	5. Express expanded form in index form: 1 to 6: powers 2 to 6
6. Enter the missing numbers in straightforward square number calculations: 11-20				6. Express expanded form in index form: 2 to 9: powers 2 to 8
7. Speed response: Identify the second 10 square numbers				7. Complete calculations involving indices, square roots and cube roots
8. Enter missing numbers in calculations involving square numbers: 1-20				8. Enter missing numbers in calculations involving indices, square roots and cube roots