

Please practise your mental maths challenge outside of school. You can practise at home, on the way to school, at the swimming pool or anywhere else you choose!

An adult in school will regularly check your learning.

**Bronze:** For knowing your prime numbers up to 100. A prime is a whole number greater than 1 whose only factors are 1 and itself (it can only be divided by 1 and itself).

When you achieve bronze, you will receive a gold sticker.

**Silver:** For knowing your square numbers up to 100. A square number is formed when an integer (a whole number) is multiplied by itself. A square number can be arranged as a group of dots in the shape of a square.

The number of dots is the same as number itself.

**Gold:** For knowing square root numbers. Square root is the inverse of a square number. A square root of a number is the number that, when multiplied by itself, gives you the first number. 3 is the square root of 9.

When you have achieved your bronze, silver and gold for your Prime Numbers, Square Numbers, Square Roots, you will receive a special certificate and badge in assembly!

<p style="text-align: center;"><u>Prime numbers</u></p> <p>2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97</p>	<p style="text-align: center;"><u>Square numbers</u></p> <p>1, 4, 9, 16, 25, 36, 49, 64, 81, 100</p>	<p>What is the square root of 36? <b>6</b></p> <p>What is the square root of 4? <b>2</b></p> <p>What is the square root of 49? <b>7</b></p> <p>What is the square root of 9? <b>3</b></p> <p>What is the square root of 64? <b>8</b></p> <p>What is the square root of 16? <b>4</b></p> <p>What is the square root of 81? <b>9</b></p> <p>What is the square root of 25? <b>5</b></p> <p>What is the square root of 100? <b>10</b></p>
Bronze	Sliver	Gold