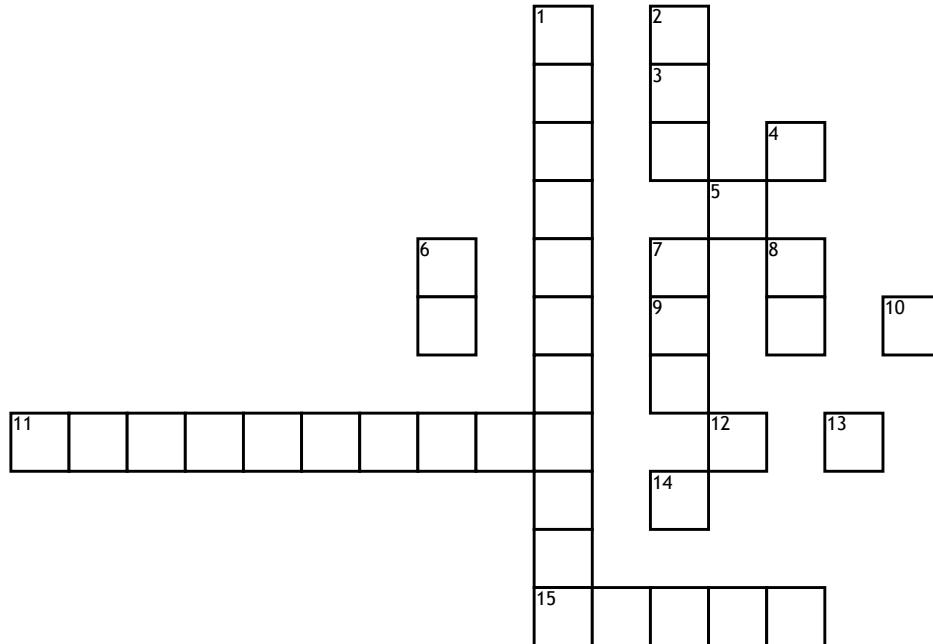


Maths Crossword Puzzle



Across

- 3. If the LCM of a and 18 is 36 and the HCF of a and 18 is 2 , then a =
- 5. If n any natural number , then $6n-5n$ always ends with
- 9. The sum of the exponents of the prime factors in the prime factorisation of 196, is
- 11. The number $\sqrt{5}$ is a
- 12. If 2×33 is divided by 17 then the remainder is
- 13. The remainder when the square of any prime number greater than 3 is divided by 6 , is

15. The LCM and HCF of two rational numbers are equal, then the numbers must be

Down

- 1. The decimal expansion of the rational number $14587/1250$ will terminate after
- 2. Two numbers are in the ratio 15 :11. If their HCF is 13, then the smallest number is
- 4. If 3 is the least prime factor of number a and 7 is the least prime factor of number b, then the least prime factor of $a+b$, is

- 6. he smallest number by which $\sqrt{27}$ should be multiplied so as to get a rational number is
- 7. The least number which is exactly divisible by 12, 15, 20 and 27 is
- 8. The HCF of 95 and 152 , is
- 10. If p and q are consecutive natural numbers then $HCF(p, q)$ is
- 14. If $a = 23 \times 3$, $b = 2 \times 3 \times 5$, $c = 3n \times 5$ and $LCM(a, b, c) = 23 \times 32 \times 5$, then n =