

## Highest Common Factor (HCF)

### Multiple choice questions

1) The HCF of two co-prime number is always

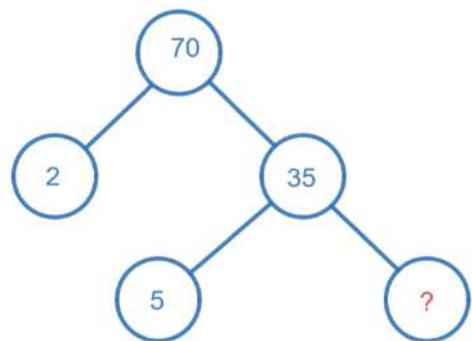
- a) 1
- b) 0
- c) 2
- d) 3

2) The common factor of 2, 4 and 8 is

- a) 2
- b) 4
- c) 8
- d) 1

3) Write the missing number in the factor tree

- a) 2
- b) 5
- c) 7
- d) 1



4) The HCF of two distinct prime numbers.

- a) 1
- b) 2
- c) 3
- d) 0

- 5) GCF of two numbers 24 and 36 is
- a) 6
  - b) 2
  - c) 12
  - d) 4
- 6) The GCF of two consecutive number is
- a) 12
  - b) 24
  - c) 36
  - d) 1
- 7) The GCD of two consecutive even number is
- a) 1
  - b) 2
  - c) 3
  - d) 4
- 8) The GCF of even and odd number is
- a) 1
  - b) 2
  - c) 3
  - d) 4
- 9) The HCF of 2 and 3 is
- a) 2
  - b) 3
  - c) 1
  - d) 6
- 10) The HCF of 4 and 8 is
- a) 4
  - b) 8
  - c) 2
  - d) 32