

Board – Foundation	Class – 6 <sup>th</sup>	Topic – Prime and Composite Numbers
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- Which of the following is the smallest prime number?  
(a) 1 (b) 2  
(c) 3 (d) 4
- Which number is neither prime nor composite?  
(a) 0 (b) 1  
(c) 2 (d) 3
- Which of the following is a composite number?  
(a) 2 (b) 3  
(c) 5 (d) 6
- The only even prime number is:  
(a) 1 (b) 2  
(c) 4 (d) 6
- Which of the following is not a prime number?  
(a) 11 (b) 17  
(c) 14 (d) 23
- How many factors does a prime number have?  
(a) 1 (b) 2  
(c) 3 (d) 4
- Which of the following is an odd composite number?  
(a) 6 (b) 22  
(c) 3 (d) 45
- Which of the following is not a composite number?  
(a) 9 (b) 12  
(c) 17 (d) 20

9. What are numbers called that have more than two factors?  
(a) Even numbers                      (b) Prime numbers  
(c) Composite numbers              (d) Odd numbers
10. Which of the following is a pair of co-prime numbers?  
(a) 4 and 6                              (b) 9 and 12  
(c) 8 and 15                            (d) 12 and 18
11. The sum of two different prime numbers is always:  
(a) Prime  
(b) Composite  
(c) Either prime or coenposite  
(d) None of these
12. Which of the following is the prime factorization of 48?  
(a)  $3 \times 4 \times 4$                       (b)  $2 \times 2 \times 2 \times 2 \times 3$   
(c)  $2 \times 4 \times 6$                       (d) None of these
13. Which of the following numbers is a perfect number?  
(a) 6                                        (b) 7  
(c) 8                                        (d) 9
14. All prime numbers are:  
(a) Even                                  (b) Odd  
(c) Odd exerpt one                    (d) Composite
15. If a number is divisible by 2 and 3 both, then it is divisible by:  
(a) 5                                        (b) 6  
(c) 8                                        (d) 10