

- 1) Which of the whole numbers 25, 39, 53, 80 and 91 are prime numbers?
  
- 2) List prime numbers between 11 and 21
  
- 3) Which of the whole numbers 32, 70, 74 and 97 are prime numbers?
  
- 4) List prime numbers between 16 and 26
  
- 5) Which of the whole numbers 13, 50 and 97 are prime numbers?
  
- 6) List prime numbers between 56 and 66
  
- 7) List prime numbers between 69 and 79
  
- 8) Which of the whole numbers 12, 40 and 41 are prime numbers?
  
- 9) Which of the whole numbers 43, 77 and 88 are prime numbers?
  
- 10) List prime numbers between 52 and 62

1) Which of the whole numbers 25, 39, 53, 80 and 91 are prime numbers?

Answer: 53

2) List prime numbers between 11 and 21

Answer: 11, 13, 17 and 19

3) Which of the whole numbers 32, 70, 74 and 97 are prime numbers?

Answer: 97

4) List prime numbers between 16 and 26

Answer: 17, 19 and 23

5) Which of the whole numbers 13, 50 and 97 are prime numbers?

Answer: 13 and 97

6) List prime numbers between 56 and 66

Answer: 59 and 61

7) List prime numbers between 69 and 79

Answer: 71, 73 and 79

8) Which of the whole numbers 12, 40 and 41 are prime numbers?

Answer: 41

9) Which of the whole numbers 43, 77 and 88 are prime numbers?

Answer: 43

10) List prime numbers between 52 and 62

Answer: 53, 59 and 61

1) Which of the whole numbers 25, 39, 53, 80 and 91 are prime numbers?

The factors of 25 are 1, 5 and 25. Therefore 25 is not a prime number.

The factors of 39 are 1, 3, 13 and 39. Therefore 39 is not a prime number.

The factors of 53 are 1 and 53. Therefore 53 is a prime number.

The factors of 80 are 1, 2, 4, 5, 8, 10, 16, 20, 40 and 80. Therefore 80 is not a prime number.

The factors of 91 are 1, 7, 13 and 91. Therefore 91 is not a prime number.

2) List prime numbers between 11 and 21

11, 13, 17 and 19 are the prime numbers between 11 and 21

3) Which of the whole numbers 32, 70, 74 and 97 are prime numbers?

The factors of 32 are 1, 2, 4, 8, 16 and 32. Therefore 32 is not a prime number.

The factors of 70 are 1, 2, 5, 7, 10, 14, 35 and 70. Therefore 70 is not a prime number.

The factors of 74 are 1, 2, 37 and 74. Therefore 74 is not a prime number.

The factors of 97 are 1 and 97. Therefore 97 is a prime number.

4) List prime numbers between 16 and 26

17, 19 and 23 are the prime numbers between 16 and 26

5) Which of the whole numbers 13, 50 and 97 are prime numbers?

The factors of 13 are 1 and 13. Therefore 13 is a prime number.

The factors of 50 are 1, 2, 5, 10, 25 and 50. Therefore 50 is not a prime number.

The factors of 97 are 1 and 97. Therefore 97 is a prime number.

6) List prime numbers between 56 and 66

59 and 61 are the prime numbers between 56 and 66

7) List prime numbers between 69 and 79

71, 73 and 79 are the prime numbers between 69 and 79

8) Which of the whole numbers 12, 40 and 41 are prime numbers?

The factors of 12 are 1, 2, 3, 4, 6 and 12. Therefore 12 is not a prime number.

The factors of 40 are 1, 2, 4, 5, 8, 10, 20 and 40. Therefore 40 is not a prime number.

The factors of 41 are 1 and 41. Therefore 41 is a prime number.

9) Which of the whole numbers 43, 77 and 88 are prime numbers?

The factors of 43 are 1 and 43. Therefore 43 is a prime number.

The factors of 77 are 1, 7, 11 and 77. Therefore 77 is not a prime number.

The factors of 88 are 1, 2, 4, 8, 11, 22, 44 and 88. Therefore 88 is not a prime number.

10) List prime numbers between 52 and 62

53, 59 and 61 are the prime numbers between 52 and 62