

Understanding Prime Numbers

- 1) List prime numbers between 80 and 90
  
- 2) Which of the whole numbers 37, 54 and 69 are prime numbers?
  
- 3) Which of the whole numbers 25, 58 and 85 are prime numbers?
  
- 4) Which of the whole numbers 2, 32, 35, 47 and 70 are prime numbers?
  
- 5) Which of the whole numbers 2, 51, 52, 63 and 76 are prime numbers?
  
- 6) List prime numbers between 75 and 85
  
- 7) List prime numbers between 62 and 72
  
- 8) List prime numbers between 17 and 27
  
- 9) Which of the whole numbers 31, 49 and 81 are prime numbers?
  
- 10) List prime numbers between 64 and 74

1) List prime numbers between 80 and 90

Answer: 83 and 89

2) Which of the whole numbers 37, 54 and 69 are prime numbers?

Answer: 37

3) Which of the whole numbers 25, 58 and 85 are prime numbers?

Answer:

4) Which of the whole numbers 2, 32, 35, 47 and 70 are prime numbers?

Answer: 2 and 47

5) Which of the whole numbers 2, 51, 52, 63 and 76 are prime numbers?

Answer: 2

6) List prime numbers between 75 and 85

Answer: 79 and 83

7) List prime numbers between 62 and 72

Answer: 67 and 71

8) List prime numbers between 17 and 27

Answer: 17, 19 and 23

9) Which of the whole numbers 31, 49 and 81 are prime numbers?

Answer: 31

10) List prime numbers between 64 and 74

Answer: 67, 71 and 73

1) List prime numbers between 80 and 90

83 and 89 are the prime numbers between 80 and 90

2) Which of the whole numbers 37, 54 and 69 are prime numbers?

The factors of 37 are 1 and 37. Therefore 37 is a prime number.

The factors of 54 are 1, 2, 3, 6, 9, 18, 27 and 54. Therefore 54 is not a prime number.

The factors of 69 are 1, 3, 23 and 69. Therefore 69 is not a prime number.

3) Which of the whole numbers 25, 58 and 85 are prime numbers?

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

The factors of 58 are 1, 2, 29 and 58. Therefore 58 is not a prime number.

The factors of 85 are 1, 5, 17 and 85. Therefore 85 is not a prime number.

4) Which of the whole numbers 2, 32, 35, 47 and 70 are prime numbers?

The factors of 2 are 1 and 2. Therefore 2 is a prime number.

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

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

The factors of 47 are 1 and 47. Therefore 47 is a prime number.

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

5) Which of the whole numbers 2, 51, 52, 63 and 76 are prime numbers?

The factors of 2 are 1 and 2. Therefore 2 is a prime number.

The factors of 51 are 1, 3, 17 and 51. Therefore 51 is not a prime number.

The factors of 52 are 1, 2, 4, 13, 26 and 52. Therefore 52 is not a prime number.

The factors of 63 are 1, 3, 7, 9, 21 and 63. Therefore 63 is not a prime number.

The factors of 76 are 1, 2, 4, 19, 38 and 76. Therefore 76 is not a prime number.

6) List prime numbers between 75 and 85

79 and 83 are the prime numbers between 75 and 85

7) List prime numbers between 62 and 72

67 and 71 are the prime numbers between 62 and 72

8) List prime numbers between 17 and 27

17, 19 and 23 are the prime numbers between 17 and 27

9) Which of the whole numbers 31, 49 and 81 are prime numbers?

The factors of 31 are 1 and 31. Therefore 31 is a prime number.

The factors of 49 are 1, 7 and 49. Therefore 49 is not a prime number.

The factors of 81 are 1, 3, 9, 27 and 81. Therefore 81 is not a prime number.

10) List prime numbers between 64 and 74

67, 71 and 73 are the prime numbers between 64 and 74