

Prime Numbers

- 1) Write down all the prime numbers less than 10.
- 2) What is the fifth prime number?
- 3) What is the first prime number bigger than 50?
- 4) True or false: All prime numbers are odd?
- 5) True or false: 1 is a prime number?
- 6) Maria thinks if you add two prime numbers together then the answer is always an even number. Is Maria correct?
- 7) Find a prime number that is a factor of 121.
- 8) Find two prime numbers that add up to 52.
- 9) Find two prime numbers that have a difference of 5.
- 10) True or false: 49 is a prime number.
- 11) True or false: 91 is a prime number.
- 12) True or false: a number cannot be both a square number and a prime number.
- 13) What is the closest prime number to 59?
- 14) Is 123 456 789 a prime number?
- 15) Jack thinks that no prime number can end in a 5. Is he correct?
- 16) How many primes, less than 100, end in a 1?
- 17) How many primes are there between 90 and 100?
- 18) Find a prime number that is a factor of 81.
- 19) Find a prime number that is a multiple of 11.
- 20) Find two prime numbers that add to give another prime number.

Did you know:

73,939,133 is a strange prime number – if you remove the last digit you get 7,393,913 which is also prime, and keep repeating.....

739,391 is prime

73,939 is prime

And so on and on until you end up with 7 – which is a prime number.

Prime Numbers

Answers

- 1) Write down all the prime numbers less than 10.....2, 3, 5, and 7
- 2) What is the fifth prime number?.....11
- 3) What is the first prime number bigger than 50?.....53
- 4) True or false: All prime numbers are odd?.....False 2 is a prime
- 5) True or false: 1 is a prime number?.....False as it only has 1 factor
- 6) Maria thinks if you add two prime numbers together then the answer is always an even number.
Is Maria correct?.....not if she picks 2 as one of her primes
- 7) Find a prime number that is a factor of 121.....11
- 8) Find two prime numbers that add up to 52.....5 and 47, 11 and 41,....
- 9) Find two prime numbers that have a difference of 5.....2 and 7
- 10) True or false: 49 is a prime number.....False as it has 3 factors
- 11) True or false: 91 is a prime number.....False as it has 4 factors
- 12) True or false: a number cannot be both a square number and a prime number.....True
- 13) What is the closest prime number to 59?.....61
- 14) Is 123 456 789 a prime number?.....no as 3 is a factor
- 15) Jack thinks that no prime number can end in a 5. Is he correct?.....no, 5 itself is prime
- 16) How many primes, less than 100, end in a 1?.....5
- 17) How many primes are there between 90 and 100?.....only 1
- 18) Find a prime number that is a factor of 81.....3
- 19) Find a prime number that is a multiple of 11.....11
- 20) Find two prime numbers that add to give another prime number.....2 + 3 or 2 + 5 etc

**I hope you enjoyed the resource – please leave feedback
thank you.**

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