

Prime and Composite Numbers



1

Sort these numbers into prime and composite.

4791315

172023

Prime

Composite

2

Circle the prime numbers.

21293331

27373941

3

Shade every prime number.

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

4

Write the first ten prime numbers.

5

Write a prime number

between 20 and 25

between 30 and 35

between 40 and 45

6

True or false?

9 is a prime number.

TrueFalse

2 is the only even prime number.

TrueFalse

1 is a prime number.

TrueFalse

29 is a prime number.

TrueFalse

7

Which is the odd one out?

35911

Odd one out

Why?

8

Write each number as two prime numbers added together.

10 =

16 =

20 =

Prime and Composite Numbers further practice



9

Sort these numbers into prime and composite.

313337394149

Prime

Composite

10

Show that 57 is a composite number by writing it as two numbers multiplied together. Do not use 1.

Answer

11

The houses on a street are numbered from 40 to 50. Which houses have a prime number?

Answer

12

A squad has football shirts numbered 1 to 30. The players whose shirt number is a composite number train on Monday. How many players train on Monday?

Answer

13

Two prime numbers multiply to make 65. What are they?

Answer

14

Two prime numbers add up to 25. What are they?

Answer

15

Ella's age is a prime number between 10 and 20. In 2 years' time her age will be a multiple of 5. How old is Ella now?

Answer

16

Ana says that when you add two prime numbers the answer is always even. Is Ana right? Explain.

Answer