



1 a) Find the factors of these numbers.

6 8 9

The factors of 6 are _____

The factors of 8 are _____

The factors of 9 are _____

b) Find the factors of these numbers.

3 5 7

The factors of 3 are _____

The factors of 5 are _____

The factors of 7 are _____

c) What is the same and what is different about your answers to part a) and part b)?

Complete the sentence.

All the numbers in part b) are _____ numbers.

2 How can you prove that 18 is not a prime number?

3 Circle the prime numbers in each list.

a) 1 2 3 4 5 6 7

b) 17 22 9 36 21 35 23

c) 10 18 38 74 92 2 14

4 a) Many people think that 1 is a prime number.
Explain why 1 is not a prime number.

b) Many people think that 2 is not a prime number.
Explain why people might think this.

5 Write ten numbers in the sorting diagram. Each section must have at least one number.

| | Even | Not even |
|-----------|------|----------|
| Prime | | |
| Not prime | | |