

# Special numbers

## Remember

There are some numbers that are special numbers. A common multiple is a number that is a multiple of two or more numbers. A common factor is a number that is a factor of two or more numbers. A prime number is a number with exactly two factors (1 and itself).



## Practise

1 For each number, list the multiples that are less than 100. Circle the common multiples for each pair.

a. 6 and 9

Multiples of 6: \_\_\_\_\_

Multiples of 9: \_\_\_\_\_

b. 12 and 15

Multiples of 12: \_\_\_\_\_

Multiples of 15: \_\_\_\_\_

2 List the factors of these pairs of numbers. Circle the common factors.

a. 48 and 60

Factors of 48: \_\_\_\_\_

Factors of 60: \_\_\_\_\_

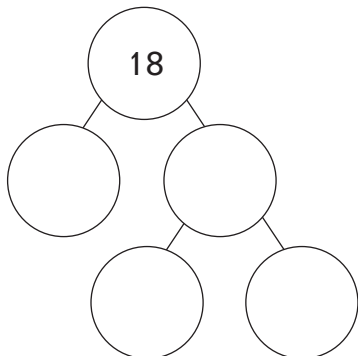
b. 42 and 56

Factors of 42: \_\_\_\_\_

Factors of 56: \_\_\_\_\_

3 Complete prime factor trees to show the prime factors of the numbers in the circle.

a.



b.

