



1.1 – Sets of numbers

Student name: _____ Score: _____

1. 31 37 39 49 51 53 77 87

From this list write down **all** the prime numbers.

..... [2]

2. 21 24 25 27 29 39 48

From the list of numbers, write down

(a) the prime number,

..... [1]

(b) the cube number.

..... [1]

3. 27 39 49 51 53 55 58

From this list write down the prime number.

..... [1]

4. Here is a list of numbers.

21 23 29 33 39 63 91 92

From the list, write down

(a) a factor of 46,

..... [1]

(b) a prime number.

..... [1]

5. 8 27 49 51 53 55 99

From this list write down the square number.

..... [1]

6. 90 91 92 93 94 95 96 97 98 99

From this list, write down

(a) a prime number,

..... [1]

(b) a common multiple of 4 and 6.

..... [1]

7. (a) A number is greater than 1.
The number is also both a square number and a cube number.

Write down a possible value of this number.

..... [1]

- (b) Write down a prime number between 90 and 100.

..... [1]

8. Write this list of numbers in order starting with the smallest.

$$\frac{2}{3} \quad 65\% \quad \sqrt{0.7} \quad 0.069 \quad 0.6^2$$

..... < < < < [2]
smallest

9. 25 26 27 28 29 30

From this list,

- (a) Write down a prime number; [1]
 (b) Write down a cube number; [1]
 (c) Write down a multiple of 6; [1]
 (d) Write down a square number. [1]

10. Write down a prime number between 60 and 70. [1]

