

## Calculator Questions

# Number Toolkit

Types of Number / Mathematical Operations / Number Operations

|                      |            |
|----------------------|------------|
| Easy (3 questions)   | /4         |
| Medium (3 questions) | /6         |
| Hard (3 questions)   | /3         |
| <b>Total Marks</b>   | <b>/13</b> |

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# Easy Questions

1 Write down the integer values of  $x$  that satisfy the inequality  $-2 \leq x < 2$ .

..... [2]

**(2 marks)**

2 Write two hundred thousand and seventeen in figures.

**(1 mark)**

3 Write 15 060 in words.

**(1 mark)**

# Medium Questions

1    3.56    5     $\sqrt{196}$     8     $\sqrt{7}$     12

From the list, write down a number that is

i) a multiple of 3,

[1]

ii) a cube number,

[1]

iii) a prime number,

[1]

iv) an irrational number.

[1]

**(4 marks)**

2 Write down a prime number between 50 and 60.

**(1 mark)**

3 Write down a prime number between 20 and 30.

(1 mark)

# Hard Questions

- 1 1, 2, 3, 5 and 7 are all common factors of two numbers.

Write down the digit that the two numbers must end in.

**(1 mark)**

- 2 Insert one pair of brackets to make this calculation correct.

$$7 - 5 - 3 + 4 = 9$$

**(1 mark)**

- 3 Explain why  $\sqrt{3}$  is irrational.

**(1 mark)**