

# ISEB Assessments

## Year 8 Mental Arithmetic Test 2

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This test contains 10 questions worth 1 mark each.

- 10 marks are available in total.
- Calculators are not allowed.
- You should take between about 5 and 10 minutes to complete the test.
- It is recommended that you read each question twice.
- Do all the calculations in your head and write down only the answer, in the space provided.
- Answer the questions as quickly as possible – 10 seconds should be sufficient for you to write your answer after you have finished reading the question.
- Remember that for many questions a variety of strategies can be used.

### **NOTE TO TEACHERS**

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**Year 8 Mental Arithmetic Test 2**

1. I buy a plant costing eleven pounds fifty pence.

How much change do I receive from a twenty-pound note?

Answer: £ ..... (1)

2. Look at these numbers:

**55 65 75**

Which number is a multiple of three?

Answer: ..... (1)

3. Add four to nine, then double the result.

Answer: ..... (1)

4. One third of a class of twenty-one children was absent.

How many children were absent?

Answer: ..... children (1)

5. Write six twenty p.m., using the twenty-four-hour clock.

Answer: ..... (1)

6. I buy two litres of orange juice.

How many millilitres is this?

Answer: ..... ml (1)

7. Write down the number which is exactly half-way between six point three and six point four.

Answer: ..... (1)

8. A pet shop sells only hamsters and gerbils.  
Forty-five per cent of its animals are gerbils.  
What percentage are hamsters?

Answer: ..... % (1)

9. Write down two different fractions which have the same value as three fifths.

Answer: ....., ..... (1)

10. What is the smaller angle between the hands of a clock at four o'clock?

Answer: ..... ° (1)