

PHOTOCOPIABLE

# Mental Arithmetic Questions

## Book 1

by Helen Maden

Mental Arithmetic Questions Book 1 is the first of a series of four books which provide a bank of easily accessible Mental Arithmetic Questions for use in a variety of classroom situations. It contains thirty different exercises which progressively get harder. Each exercise includes: Teacher Questions suitable for reading aloud, all answers needed and a photocopiable Pupil Answer Sheet with prompts given where necessary.

Book 1 includes work from The National Curriculum Levels 2 and 3, mathematical problems using numbers up to 500 and concepts taken from The National Numeracy Strategy Key Objectives for Year Three.

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# Book 1 Test 2 Teacher Questions

| No.                          | Question   | Answer            |
|------------------------------|--|-------------------|
| <b>Five Second Questions</b> |  |                   |
| 1                            | What does two added to three make?   | 5                 |
| 2                            | Write the number ten.  | 10                |
| 3                            | What is ten take away two?   | 8                 |
| 4                            | What is the total of two and ten and one?  | 13                |
| 5                            | What is double two?  | 4                 |
| 6                            | What number is missing: 22, 23, 25, 26 ?   | 24                |
| 7                            | What is the next even number after two?  | 4                 |
| 8                            | What is thirty add thirty?   | 60                |
| 9                            | What is the next number in the following sequence: 21, 31, 41, 51 ....?                                  | 61                |
| 10                           | Find the difference between seven and one.   | 6                 |
| <b>Ten Second Questions</b>  |  |                   |
| 11                           | How many sides does a pentagon have?   | 5 sides           |
| 12                           | Tick the coins that make fifteen pence.  | 10p and 5p        |
| 13                           | Write the number that is fourteen after ten.   | 24                |
| 14                           | What is half of forty?   | 20                |
| 15                           | Write two numbers that add together to make twelve.  | e.g. 3+9          |
| 16                           | What time does the clock say?  | 5 o'clock         |
| 17                           | What is twenty nine plus ten?  | 39                |
| 18                           | Look at the graph. How many children go to school by car?  | 6 children        |
| 19                           | In a fruit bowl there are three apples, two pears and four bananas. How many pieces of fruit altogether? | 9 pieces of fruit |
| 20                           | How many straight sides does this shape have?  | 2 straight sides  |

# Book 1 Test 2 Pupil Answer Sheet

Name \_\_\_\_\_

Date \_\_\_\_\_

Total Score

## Five Second Questions

1

2

3

4

5

6

7

8

9

10

## Ten Second Questions

11 sides

12 10p 1p 20p 5p 2p 1p

13

14

15

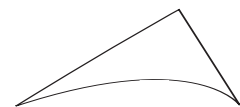
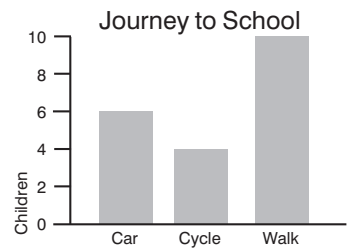
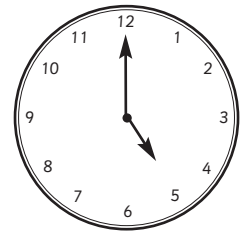
16 o'clock

17



18 children

19 pieces of fruit

20 straight sides



# Book 1 Test 29 Teacher Questions

| No.                          | Question  | Answer   |
|------------------------------|---|--|
| <b>Five Second Questions</b> |   |  |
| 1                            | What is three added to one?   | 4  |
| 2                            | What is the number before twenty seven?   | 26   |
| 3                            | What is ten take away ten?  | 0  |
| 4                            | Write the number four hundred and three.  | 403  |
| 5                            | What is fifty six add nine?   | 65   |
| 6                            | What is the next number in this sequence: 26, 24, 22, 20 ....?                  | 18   |
| 7                            | Find the difference between seventeen and ten.                                  | 7  |
| 8                            | Add forty and forty seven.  | 87   |
| 9                            | What number is missing: 81, 80, 78, 77 ?  | 79   |
| 10                           | What is the next even number after 40?  | 42   |
| <b>Ten Second Questions</b>  |   |  |
| 11                           | Look at the graph. How many more children walk to school than ride in a car?    | 8 children   |
| 12                           | There are twelve biscuits on a plate. The children eat five, how many are left? | 7 biscuits   |
| 13                           | Tick the shape with only two right angles.                                      |       |
| 14                           | Write two numbers that add together to make forty-one?                          | e.g, 40 + 1  |
| 15                           | How much is 4 lots of 99p?  | £3.96  |
| 16                           | What is the nearest 10 to 46?   | 50   |
| 17                           | Write half past eight on the digital clock.                                     | 8:30   |
| 18                           | Tick two coins that make 30p.   | 20p, 10p   |
| 19                           | What is five hundred add sixty add seven?                                       | 567  |
| 20                           | Divide this shape into halves.  | e.g.  |

# Book 1 Test 29 Pupil Answer Sheet

Name \_\_\_\_\_

Date \_\_\_\_\_

Total Score

## Five Second Questions

1

2

3

4

5

6

7

8

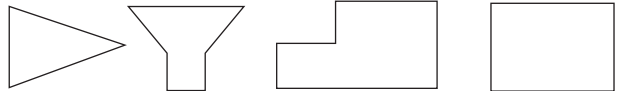
9

10

## Ten Second Questions

11  children

12  biscuits


13  

14

15  £

16

17  :

18  

19

20  