

# Autumn Test 3

## Questions, Answers and Topic Information

Read the following instructions or press 'play' ► and listen to the instructions being read from the CD-ROM.

Listen carefully to the instructions I am going to give you. When I have finished reading them, I will answer any questions. You will not be able to ask any questions once the test has begun.

I am going to ask you 20 questions. On your sheet there is an answer box for each question, where you should write the answer to the question and nothing else. You should work out the answer to each question in your head, but you may jot things down outside the answer box if this helps you. Do not try to write down your working because this will waste time and you may miss the next question. For some of the questions, important information is already written down for you on the answer sheet.

I will read each question twice. Listen carefully both times. You will then have time to work out your answer. If you cannot work out an answer, put a cross in the answer box. If you make a mistake, cross out the wrong answer and write the correct one next to it. There are some easy and some harder questions, so do not be put off if you cannot answer a question.

Now pause, or press 'pause' ■ on your CD player or computer. Ask the children if they have any questions. Once you have answered all the questions, read out the following instructions. Alternatively, play the audio recording from the CD-ROM.

### ► Now we are ready to start the test.

|  | Answer  | Topic |
|--|---|-------|
| <b>For this group of questions you will have 5 seconds to work out each answer and write it down.</b>  |   |       |
| 1 Look at your answer sheet. Circle the prime number.  | 17  | MD    |
| 2 What is four cubed?  | 64  | MD    |
| 3 What is one-seventh of thirty-five?  | 5   | F     |
| 4 How many twenty pence pieces are there in three pounds twenty?   | 16  | M/MD  |
| 5 What is four hundred and forty times by one hundred?   | 44 000  | MD    |
| <b>For this group of questions you will have 10 seconds to work out each answer and write it down.</b>   |   |       |
| 6 How many days in six weeks?  | 42 days   | M     |
| 7 Look at your answer sheet. Tick the arrow after it has been reflected in the dotted line.  |  | PD    |
| 8 Look at your answer sheet. The table shows how many times children go swimming and running in a week. How many times a week does Simon go running? | once  | S     |
| 9 Write eleven kilometres in metres.   | 11 000 m  | M     |
| 10 Isobel paid for a book costing one pound eighty-five with a five pound note. How much change did she get?   | £3.15   | M/AS  |
| 11 What is twenty-two thousand plus thirty-nine thousand?  | 61 000  | AS    |
| 12 Write two factors of eighteen.  | two from<br>1, 2, 3, 6, 9, 18   | MD    |
| 13 What fraction of one kilogram is four hundred grams?  | $\frac{2}{5}$ or equivalent   | M/F   |
| 14 Add together eighty-three hundredths and seventeen hundredths.  | 1   | Dc    |
| 15 If you can buy six yo-yos for fifty pence, how many could you buy for two pounds?   | 24  | M/MD  |
| <b>For this group of questions you will have 15 seconds to work out each answer and write it down.</b>   |   |       |
| 16 Look at your answer sheet. Write the next number in the sequence.   | -7  | NPV   |
| 17 Look at your answer sheet. Circle the two fractions that can be added to make one.  | $\frac{1}{3}$ and $\frac{4}{6}$   | F     |
| 18 Add eighteen, twenty-eight and thirty-eight.  | 84  | AS    |
| 19 What is twenty-five multiplied by twelve?   | 300   | MD    |
| 20 A regular pentagon has a side length of twenty-two centimetres. What is its perimeter?  | 110 cm  | M     |

**Now put down your pen or pencil. The test is finished.**

NPV = Number, place value    AS = Addition and subtraction    MD = Multiplication and division    F/Dc/Pt = Fractions    M = Measurement  
PS = Properties of shapes    PD = Position and direction    S = Statistics    RP = Ratio and proportion    A = Algebra