



# Cambridge Primary Progression Test

## Mathematics paper 3 teacher instructions

### Stage 6



approx. 15 minutes

#### READ THESE INSTRUCTIONS FIRST

1. Learners should only have pens and answer sheet. They are not allowed to have any other mathematical equipment or paper for working out.
2. The teacher will need a watch or clock that tells the time accurately in seconds.
3. The teacher should read each question twice slowly using exactly these words and then wait the correct number of seconds (5 seconds for questions 1–7, 10 seconds for questions 8–16 and 15 seconds for questions 17–20) before moving on to the next question.
4. Learners are not allowed to ask questions during the test.

Read the text in italics to the learners:

*Listen carefully to these instructions. You will not have the opportunity to ask questions during the test.*

*You will be asked 20 questions. On your sheet there is an answer box for each question. You should work out your answers in your head. Do not try to write down your calculations because this will take up too much time. For some of the questions, important information is already written down for you on the sheet.*

*Each question will be read aloud twice. You will then have time to work out your answer. If you don't know the answer to the question, leave it and wait for the next question. If you want to change your answer, put a cross through your first answer and write your new answer nearby.*

*For the first group of questions you will have 5 seconds to work out each answer. For the second group of questions you will have 10 seconds to work out each answer. For the third group of questions you will have 15 seconds to work out each answer. Each question is worth one mark.*

*Do you have any questions about the test?*

(Answer any questions the learners may have.)

*Write your name on the front of the answer sheet.*

(Begin the test.)

*Now we are ready to start the test.*

*For this first group of questions, you will have 5 seconds to work out each answer and write it down.*

- 1 Write six tenths as a decimal.
- 2 Write the remainder when sixty five is divided by six.
- 3 What number must be added to four point eight to make ten?
- 4 Write the number of edges of a triangular prism.
- 5 Look at the graph on your answer sheet.  
It shows the number of customers in a shop.  
At what time were nine customers in the shop?
- 6 A one litre water bottle is three quarters full of water.  
How many millilitres of water are in the bottle?
- 7 Round six hundred and seventeen to the nearest ten.

*For this group of questions, you will have 10 seconds to work out each answer and write it down.*

- 8 Find one hundredth of three hundred and fifty.
- 9 Multiply twenty-four by fifty.
- 10 Subtract one thousand one hundred and ninety-five from three thousand four hundred and six.
- 11 Find the difference between seven and negative four.
- 12 Look at the calculation on your answer sheet.  
Use the calculation to find the answer to one point six multiplied by one point eight.
- 13 Halve nine point six.
- 14 Look at the diagram on your answer sheet.  
Draw a ring around the best estimate for angle A.
- 15 A set of four numbers has a range of fourteen.  
Three of the numbers are shown on your answer sheet.  
Write down one possible value for the fourth number.
- 16 A football costs three dollars and seventy-five cents.  
A school buys two footballs.  
How much change is received from ten dollars?

*For this group of questions, you will have 15 seconds to work out each answer and write it down.*

- 17 Mia worked at a library from the first of April two thousand and four until the first of July two thousand and six.  
For how many months did Mia work at the library?
- 18 The shortest side of a rectangle is seven centimetres.  
The other side of the rectangle is four centimetres longer.  
Find the area of the rectangle.
- 19 A point has co-ordinates four negative seven.  
The point is translated three squares left and three squares up.  
Write the co-ordinates of the point's new position.
- 20 The first four numbers of a sequence are given on your answer sheet.  
Write the sixth number in the sequence.

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

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