

11+

Practice Test

Set A: Paper 1

Read the following:

Do not open this booklet or start the test until you are told to do so.

1. This test can be taken in either multiple-choice or write-in format.
2. If you are taking it as a multiple-choice test you should mark your answer to each question in pencil on the separate answer sheet. Mark the correct box quickly and neatly using a horizontal line.
3. If you are taking it as a write-in test you should write your answer to each question in pencil on the paper. Write your answer carefully in the space provided or, if there is a range of options, mark the correct box quickly and neatly using a horizontal line.
4. If you make a mistake, rub it out and mark your new answer clearly.
5. There are five sections in this test.
6. The time allowed for each section is given at the start of that section. You will have a total of 45 minutes to complete the timed sections of the test.
7. Each section includes examples showing you how to answer the questions. You may refer to these examples at any time as you work through the section.
8. Do as many questions as you can. For some questions you will be given a range of options — if you get stuck on one of these questions, choose the answer that you think is most likely to be correct, then move on to the next question. If you get stuck on a question for which no options are given, leave it and move on to the next question. If you have time at the end of the section, go back and have another go at the questions you could not answer.
9. You should do any rough working on a separate piece of paper.

Work carefully, but go as quickly as you can.

SECTION 5: NUMERICAL REASONING

EXAMPLES

READ THESE EXAMPLE QUESTIONS. YOU MAY RETURN TO THESE EXAMPLES AT ANY TIME AS YOU WORK THROUGH THIS SECTION.

(A) Which of the following fractions is largest: $\frac{1}{5}$ $\frac{2}{5}$ $\frac{3}{5}$ $\frac{4}{5}$

(B) Michelle bought a book for £6.99 and a pen for 76p. How much did she spend? £ .



WAIT UNTIL YOU ARE TOLD TO GO ON



YOU HAVE 9 MINUTES TO COMPLETE THIS SECTION

THERE ARE 23 QUESTIONS IN THIS SECTION

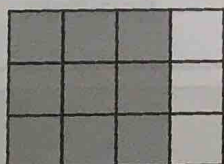
Fill in the missing numbers to make these calculations correct:

(1) + 46 = 100

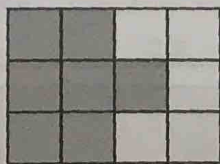
(2) 4 × = 280

(3) - + 3 = -13

(4) Which of the following boxes has two thirds shaded:



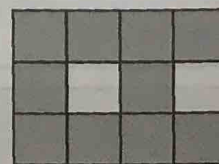
A



B



C



D

5 Which of the following fractions is largest: $\frac{3}{4}$ $\frac{2}{3}$ $\frac{5}{6}$ $\frac{4}{7}$

6 Which of the following fractions is smallest: $\frac{2}{5}$ $\frac{1}{3}$ $\frac{2}{7}$ $\frac{1}{4}$

7 Which of the following decimals is largest: 0.158 1.508 0.1058 1.058

8 Peter had 24 football stickers. He gave one quarter of them to a friend. How many did Peter have left?

9 Pens cost 36p each. Michelle has £2. How many pens can she buy?

10 Li's alarm goes off at 7:45. He sets off for school 50 minutes later. What time does Li set off for school?

:

GO TO THE NEXT QUESTION



- 11 Kyle needs to catch a train at 5:07.
It takes him 20 minutes to walk to the station.
When is the latest he should set off?

 :

- 12 A swimming pool is 35 metres long. Simon swam 12 lengths.
How far did Simon swim?

 m

- 13 A recipe for 4 people uses 250 g of potato.
How much potato is needed for 12 people?

 g

- 14 Gita has 612 books. She is buying new shelves to put them on.
Each set of shelves will hold 90 books.
How many sets of shelves does she need to buy?

- 15 For a play, there were adult tickets and child tickets available.
587 tickets were sold. 324 were adult tickets.
How many child tickets were sold?

Find the following:

16 6^2

17 8^2

18 2^3

For each of these formulas, find the value of y when $x = 4$.

19 $y = 8x + 4$

$y =$

20 $y = 7x \div 2$

$y =$

21 $y = x^2 \times 3$

$y =$

Simplify the following expressions:

22 $b + b + b + b$

b

23 $2d + 5a + 4d - 2a$

a + d



STOP — YOU MAY CHECK YOUR ANSWERS IN THIS SECTION ONLY