GL-style 11+ Maths Pack 2

Maths

Name _____ **Date** _____

Instructions

- Do not open this booklet until you are told to.
- Mark every answer on the separate answer sheet. Rough working can go in this booklet.
- Each test is timed separately. Do one test at a time, and stop when you are told to.
- Each test starts with a worked example. Read it carefully.
- Work as quickly and carefully as you can. If a question is too hard, mark your best guess and move on. Come back to it if you have time.

What is in this pack

Test	Questions	Time
Test 1	1 to 50	50 minutes
Test 2	1 to 50	50 minutes
Test 3	1 to 50	50 minutes
Test 4	1 to 50	50 minutes

Do not turn over until you are told to do so

SAMPLE

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Before you start: notes for the adult

Each test in this pack is timed, so your child can practise working at speed. You will need:

- this question booklet, and the answer sheet printed separately,
- a pencil and an eraser,
- a clock or timer that you control.

Running the pack. Each test is timed separately. Do one test at a time. Read the worked example with your child before you start the clock, then give the time shown at the top of the test. When the time is up, say "Stop", even if the test is not finished. A short break between tests is fine.

Marking. Use the answer key on the first page of the solutions booklet. Each correct answer scores one mark. Then read the worked solutions together for every question your child got wrong or guessed.

What to practise next. The solutions booklet ends with a list of the skills in each test. Practise them with the three 11+ Workbooks that come free with this pack, and with the free Smart Cub videos and exercises.

Tips for you, the test taker

- Read every question carefully, all the way to the end.
- Look at every answer choice before you choose one.
- Mark your answer next to the right question number on the answer sheet.
- If you are stuck, make your best guess, mark it, and move on. Come back to it if you have time.

SAMPLE

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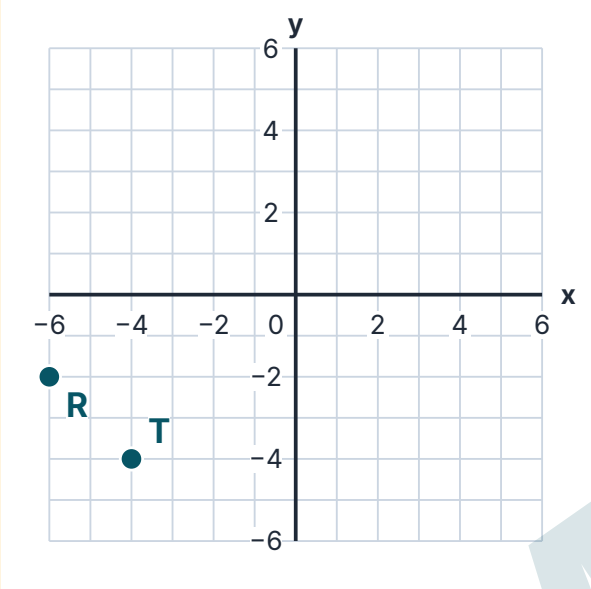
Test 1

50 minutes | Questions 1 to 50

Work out the answer to each question. Use the space on the page for your working.

WORKED EXAMPLE

Point R is reflected in the x-axis. What are the coordinates of the image?



A (−6, 2) **B** (−2, −6) **C** (6, 2) **D** (6, −2)

On your answer sheet, mark it like this:



The answer is A. Point R is 2 squares below the x-axis. Its image is 2 squares above the x-axis, in the same place across. So (−6, −2) becomes (−6, 2).

1 How many minutes are there between the Start time and the Finish time for Skyward?

Film	Start time	Finish time
Bright Sparks	16:41	17:14
Skyward	16:50	17:28
Mountain Days	14:39	15:34
The Lantern	09:43	10:38

A 60 minutes **B** 22 minutes **C** 78 minutes **D** 38 minutes

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2 What is the total of the Expert climbs column?

Route	Beginner climbs	Expert climbs
Slab	48	21
Traverse	29	53
Pillar	24	14
Ledge	67	47

A 135 **B** 188 **C** 168 **D** 121

3 Zaid writes down the first 4 terms of a number sequence. What is the next term?

Position	Value
Term 1	2
Term 2	5
Term 3	8
Term 4	11

A 17 **B** 11 **C** 8 **D** 14

4 Look at the Spring counts column. What is the total for Geese and Hens?

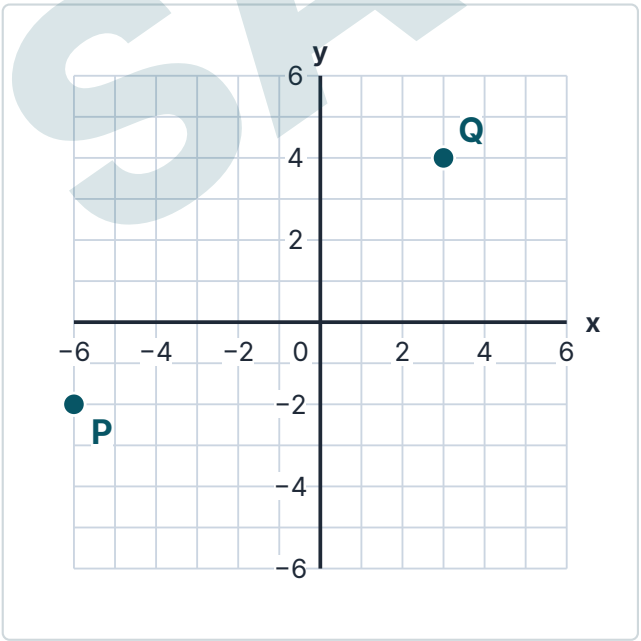
Animal	Spring counts	Autumn counts
Hens	11	8
Geese	53	30
Alpacas	8	9
Ducks	88	57

A 42 **B** 64 **C** 53 **D** 160

5 A box holds 70 marbles. 2/5 of them are orange. Half of the marbles that are left are silver. How many marbles are silver?

A 14 **B** 49 **C** 35 **D** 21

6 Point P is reflected in the y-axis. What are the coordinates of the image?



A (6, 2) **B** (−2, −6) **C** (−6, 2) **D** (6, −2)

SAMPLE

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