

UK 11+ EXAM BASELINE MINI-TESTS

ENGLISH & MATHEMATICS

A Complete Guide to Assessment and Preparation

Designed for Year 6 Students (Ages 10-11)

Table of Contents

1. Introduction to Baseline Assessments
2. Understanding the 11+ Examination
3. English Mini-Tests
4. Mathematics Mini-Tests
5. Answer Keys

1. Introduction to Baseline Assessments

A baseline assessment is a diagnostic tool that provides a snapshot of your child's current academic abilities. Unlike formal examinations, baseline tests are designed to identify strengths and areas for improvement, helping to establish a starting point for 11+ preparation.

These mini-tests serve several important purposes:

- **Identifying current ability levels** across key subject areas
- **Highlighting specific skills** that require additional focus
- **Providing realistic practice** in examination conditions
- **Building confidence** through familiar question formats
- **Tracking progress** over time as preparation continues

The tests in this guide are designed to reflect the standards and question types commonly found in 11+ examinations, particularly those administered by GL Assessment, which is used by many grammar schools across the UK.

2. Understanding the 11+ Examination

English Component

The 11+ English examination typically comprises two main sections:

Reading Comprehension: Students read a passage and answer questions testing their understanding, inference skills, and vocabulary knowledge.

Spelling, Punctuation and Grammar (SPaG): This section includes exercises on completing sentences, identifying errors, and demonstrating knowledge of grammatical rules.

Mathematics Component

The 11+ Mathematics examination covers the full Year 6 curriculum and includes:

Number and Place Value: Understanding of decimal system, rounding, and number operations

Arithmetic: Addition, subtraction, multiplication, and division calculations

Fractions and Percentages: Converting between forms and solving problems

Geometry: Properties of shapes, angles, and spatial reasoning

Measurement: Units, conversions, and problem-solving with measurements

Statistics: Interpreting data, averages, and simple probability

3. English Mini-Tests

English Mini-Test 1: Reading Comprehension

Time allowed: 20 minutes

Instructions: Read the passage carefully and answer all questions. Choose the best answer for multiple choice questions.

The Secret Garden

Mary Lennox had lived in India with her parents, but after they died from cholera, she was sent to live with her uncle in Yorkshire. The journey to Misselthwaite Manor was long and dreary, and Mary felt utterly miserable. She had been spoiled and selfish in India, with servants attending to her every need, but now she found herself alone in a vast, gloomy house.

The manor was ancient and mysterious, with hundreds of rooms and long corridors that seemed to stretch on forever. Mary's uncle, Lord Archibald Craven, was a reclusive man who travelled frequently and paid little attention to his ward. The housekeeper, Mrs. Medlock, was stern and forbidding, making it clear that Mary was not to wander about the house or disturb anyone.

Despite these warnings, Mary's curiosity got the better of her. One day, whilst exploring the grounds, she discovered a hidden door concealed by ivy. Behind it lay a secret garden that had been locked away for ten years. The garden was wild and overgrown, but Mary could see that it had once been beautiful. She decided to restore it to its former glory, and this project would transform not only the garden but Mary herself.

Question 1

Why was Mary sent to live with her uncle?

- A) Her parents had to travel abroad for work
- B) Her parents died from cholera
- C) She had been misbehaving in India
- D) Her uncle requested her company

Question 2

What does the word "reclusive" mean in the context of the passage?

- A) Wealthy and powerful
- B) Shy and withdrawn
- C) Strict and demanding
- D) Kind and caring

Question 3

How long had the secret garden been locked away?

Answer: _____

Question 4

What can you infer about Mary's character from the passage? Use evidence from the text to support your answer.

Answer: _____

Question 5

What does the author suggest will happen as a result of Mary's garden project?

- A) The garden will remain wild and overgrown
- B) Mary will get into trouble with Mrs. Medlock
- C) Both the garden and Mary will be transformed
- D) Lord Craven will return to help with the garden

English Mini-Test 2: Spelling, Punctuation and Grammar

Time allowed: 15 minutes

Instructions: Complete the sentences or identify the errors as instructed.

Question 6

Choose the correct spelling to complete the sentence:

The _____ was responsible for organising the school event.

- A) comittee
- B) committee
- C) commitee
- D) committe

Question 7

Which sentence is punctuated correctly?

- A) "Where are you going?" asked Sarah.
- B) "Where are you going," asked Sarah?
- C) "Where are you going?" Asked Sarah.

D) "Where are you going," asked Sarah.

Question 8

Identify the error in this sentence:

The three children's went to the park with there friends.

Error: _____

Correction: _____

Question 9

Choose the word that best completes the sentence:

The detective was _____ in his investigation of the mysterious case.

A) thorough

B) through

C) threw

D) though

Question 10

What type of word is "quickly" in the sentence: "She ran quickly to catch the bus"?

A) Noun

B) Verb

C) Adjective

D) Adverb

4. Mathematics Mini-Tests

Mathematics Mini-Test 1: Number and Calculation

Time allowed: 20 minutes

Instructions: Answer all questions. Show your working where appropriate. You may use a calculator for questions marked with *

Question 1

Calculate: $847 + 296 =$ _____

Question 2

What is 7,356 rounded to the nearest hundred?

Answer: _____

Question 3

A box contains 24 sweets. If $\frac{3}{8}$ of the sweets are eaten, how many sweets remain?

Working:

Answer: _____ sweets

Question 4

Convert 0.65 to a percentage.

Answer: _____ %

Question 5

Calculate: $156 \div 12 =$ _____

Question 6

A rectangle has a length of 8cm and a width of 5cm. What is its area?

Answer: _____ cm²

Question 7

What is the next number in this sequence: 3, 7, 15, 31, ____

Answer: _____

Question 8

A train journey takes 2 hours and 45 minutes. If the train departs at 09:20, what time does it arrive?

Answer: _____

Mathematics Mini-Test 2: Geometry and Measurement

Time allowed: 20 minutes

Instructions: Answer all questions. Show your working where appropriate.

Question 9

What is the perimeter of a square with sides of 7cm?

Answer: _____ cm

Question 10

How many millilitres are there in 2.5 litres?

Answer: _____ ml

Question 11

An equilateral triangle has angles of:

A) 60° , 60° , 60°

B) 90° , 45° , 45°

C) 30° , 60° , 90°

D) 50° , 60° , 70°

Question 12

A circular pizza has a radius of 12cm. What is its diameter?

Answer: _____ cm

Question 13

Convert 3.2 kilometres to metres.

Answer: _____ m

Question 14

The coordinates of point A are (3, 5). If point B is 2 units to the right and 3 units up from point A, what are the coordinates of point B?

Answer: (_____ , _____)

Question 15

A rectangular garden is 15m long and 8m wide. What is the area of the garden?

Answer: _____ m^2

Mathematics Mini-Test 3: Problem Solving

Time allowed: 15 minutes

Instructions: Read each problem carefully and show your working.

Question 16

Sarah has £4.50. She buys 3 apples at 35p each and 2 oranges at 45p each. How much money does she have left?

Working:

Answer: £ _____

Question 17

A car travels at an average speed of 60 mph. How far will it travel in $2\frac{1}{2}$ hours?

Working:

Answer: _____ miles

Question 18

In a class of 30 students, 18 are girls. What percentage of the class are boys?

Working:

Answer: _____ %

5. Answer Keys

Question 1: B) Her parents died from cholera

Question 2: B) Shy and withdrawn

Question 3: Ten years

Question 4: Mary appears to be curious and determined. Evidence: "Mary's curiosity got the better of her" and she "decided to restore it to its former glory." She was also "spoiled and selfish" in India, suggesting she is capable of change.

Question 5: C) Both the garden and Mary will be transformed

English Mini-Test 2: Spelling, Punctuation and Grammar

Question 6: B) committee

Question 7: A) "Where are you going?" asked Sarah.

Question 8: Error: "children's" should be "children" and "there" should be "their"

Question 9: A) thorough

Question 10: D) Adverb

Mathematics Mini-Test 1: Number and Calculation

Question 1: 1,143

Question 2: 7,400

Question 3: 15 sweets ($\frac{3}{8}$ of 24 = 9 eaten, $24 - 9 = 15$ remain)

Question 4: 65%

Question 5: 13

Question 6: 40 cm^2

Question 7: 63 (pattern: multiply by 2 and add 1)

Question 8: 12:05

Mathematics Mini-Test 2: Geometry and Measurement

Question 9: 28 cm

Question 10: 2,500 ml

Question 11: A) 60° , 60° , 60°

Question 12: 24 cm

Question 13: 3,200 m

Question 14: (5, 8)

Question 15: 120 m^2

Mathematics Mini-Test 3: Problem Solving

Question 16: £2.55 (Apples: $3 \times 35\text{p} = £1.05$, Oranges: $2 \times 45\text{p} = 90\text{p}$, Total spent: £1.95, Money left: $£4.50 - £1.95 = £2.55$)

Question 17: 150 miles ($60 \times 2.5 = 150$)

Question 18: 40% (Boys: $30 - 18 = 12$, Percentage: $12/30 \times 100 = 40\%$)

Further Preparation

These baseline mini-tests provide a foundation for understanding your child's current abilities. To continue preparation for the 11+ examination, consider the following steps:

Regular Practice: Use these tests periodically to track progress and identify areas requiring additional focus.

Targeted Study: Focus on specific topics where performance indicates room for improvement.

Timed Conditions: Gradually introduce time pressure to build examination technique.

Varied Question Types: Ensure exposure to different question formats and difficulty levels.

Reading Development: Encourage wide reading to build vocabulary and comprehension skills.

Remember that baseline assessments are diagnostic tools designed to support learning. They should be used alongside regular teaching and other preparation materials to ensure comprehensive readiness for the 11+ examination.