

# KS2 SATs

## MOCK PAPER

A practice sampler covering Arithmetic, Reasoning,  
Grammar, Punctuation, Spelling and Reading

**Name:** \_\_\_\_\_

**Class:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Time allowed: approximately 55 minutes**

### INSTRUCTIONS

- Read every question carefully before you answer.
- Work through the sections in any order — don't spend too long on one question.
- Show your working out for maths questions where there is space.
- If you get stuck, move on and come back to it later.
- Check your answers using the mark scheme at the end when you finish.

## SECTION A: ARITHMETIC

1

$3,458 + 2,675 =$

1 mark

2

$7,002 - 3,846 =$

1 mark

3

$236 \times 8 =$

1 mark

4

$936 \div 6 =$

1 mark

5

$2/5 + 1/5 =$

1 mark

6

$3/4 \text{ of } 24 =$

1 mark

7

$0.6 + 0.35 =$

1 mark

8

$4.2 \times 10 =$

1 mark

9

$15\% \text{ of } 60 =$

1 mark

10

$2 \frac{3}{8} + 1 \frac{1}{4} =$

1 mark

11

$504 \div 12 =$

1 mark

12

$6^2 + 3^3 =$

1 mark

## SECTION B: REASONING

1

A school orders 8 boxes of pencils. Each box contains 24 pencils. How many pencils are there in total?

---

1 mark

2

Tom has £15.50. He buys a book for £6.75. How much money does he have left?

---

1 mark

3

A recipe for 4 people needs 300g of flour. How much flour is needed for 10 people?

---

1 mark

4

The ratio of red to blue counters in a bag is 3:5. There are 15 red counters. How many blue counters are there?

---

1 mark

5

A train leaves at 09:45 and arrives at 11:20. How long is the journey?

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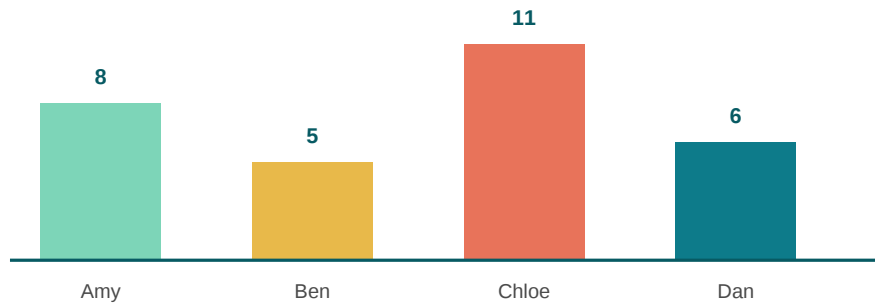
1 mark

## SECTION B: REASONING (continued)

6

The chart shows how many books four children read in a month.  
How many more books did Chloe read than Ben?

1 mark



7

$2n + 4 = 18$ . What is the value of  $n$ ?

---

1 mark

8

A rectangular garden is 8m long and 5m wide. What is its perimeter and its area?

---

1 mark

## SECTION C: GRAMMAR, PUNCTUATION &amp; SPELLING

1

Identify the word class of the underlined word: The enormous whale swam past the boat. (enormous)

1 mark

2

Add the missing apostrophe: The dogs bone was buried in the garden.

1 mark

3

Circle the correct word: Please make sure you bring (their / there / they're) coat.

1 mark

4

Add the missing speech marks: Watch out! shouted Amir.

1 mark

5

Underline the subordinating conjunction: We stayed inside because it was raining.

1 mark

6

Correct the spelling mistake: The goverment announced new rules.

1 mark

## SECTION C: GRAMMAR, PUNCTUATION &amp; SPELLING (continued)

7

Rewrite in the passive voice: The cat chased the mouse.

1 mark

8

Add a semicolon in the correct place: I was tired I went to bed early.

1 mark

9

What type of sentence is this: Close the door! (statement / question / command / exclamation)

1 mark

10

Circle the correct word: (Its / It's) raining outside.

1 mark

11

Add the missing commas: I packed a jumper socks a hat and gloves.

1 mark

12

Underline the fronted adverbial: Later that afternoon, the children went home.

1 mark

**Life in the Deep Ocean**

Far below the sunlit waves, in a place scientists call the midnight zone, sunlight never reaches the water. It is so dark that many creatures have never seen daylight at all. Yet, even here, the ocean is full of life.

One of the strangest residents of this dark world is the anglerfish. A long spine grows from the top of its head, tipped with a glowing lure. Smaller fish, curious about the light, swim closer to investigate; the anglerfish waits patiently in the darkness before snapping its enormous jaws shut.

The glowing light comes from a process called bioluminescence, a chemical reaction that lets living things produce their own light. Scientists believe that as much as ninety percent of deep-sea creatures can glow in some way, whether to attract prey, confuse predators, or find a mate in the endless dark.

Despite the crushing water pressure, near-freezing temperatures and total darkness, life has found remarkable ways to survive. Every year, submarines and remote cameras reveal new species that nobody knew existed, proving that even the most hostile places on Earth can hold hidden wonders.

## SECTION D: READING QUESTIONS

1

What is the name given to the very deep, dark part of the ocean mentioned in the passage?

1 mark

2

What grows from the top of an anglerfish's head?

1 mark

3

Find a word in paragraph 3 that means 'a chemical reaction that lets living things produce their own light'.

1 mark

4

Why do smaller fish swim closer to the anglerfish's light? Give one reason.

1 mark

5

According to the passage, roughly what percentage of deep-sea creatures can glow?

1 mark

6

What does the word 'hostile' mean in the last paragraph? Tick one: friendly / harsh and difficult to survive in / warm / crowded

1 mark

7

Why do you think scientists are still finding new species in the deep ocean?

1 mark

8

In your own words, describe what makes the deep ocean a difficult place to live.

1 mark

**Section A: Arithmetic**

- |                  |                    |
|------------------|--------------------|
| 1. 6,133         | 2. 3,156           |
| 3. 1,888         | 4. 156             |
| 5. $\frac{3}{5}$ | 6. 18              |
| 7. 0.95          | 8. 42              |
| 9. 9             | 10. $3\frac{5}{8}$ |
| 11. 42           | 12. 63             |

**Section B: Reasoning**

- 192 pencils ( $8 \times 24$ )
- £8.75 (£15.50 – £6.75)
- 750g ( $300\text{g} \div 4 \times 10$ )
- 25 blue counters ( $15 \div 3 = 5$ ,  $5 \times 5 = 25$ )
- 1 hour 35 minutes
- 6 more books ( $11 - 5$ )
- $n = 7$  ( $2n = 14$ ,  $n = 7$ )
- Perimeter = 26m, Area =  $40\text{m}^2$

1. adjective
2. dog's bone
3. their coat
4. "Watch out!" shouted Amir.
5. because
6. government
7. The mouse was chased by the cat.
8. I was tired; I went to bed early.
9. command (imperative)
10. It's raining outside.
11. I packed a jumper, socks, a hat and gloves.
12. Later that afternoon, the children went home.

1. the midnight zone
2. A long spine, tipped with a glowing lure.
3. bioluminescence
4. They are curious about the light and swim closer to investigate (not realising it is a trap). Accept similar reasonable answers.
5. about ninety percent (90%)
6. harsh and difficult to survive in
7. Open answer — accept any reasonable idea, e.g. the deep ocean is very hard to explore, so much of it remains unseen.
8. Open answer — accept reasonable descriptions covering crushing pressure, near-freezing temperatures and total darkness.

**Well done for completing the mock paper!**

Talk through anything tricky with a teacher or family member, then try again in a few weeks.