Mini SATs Paper 71

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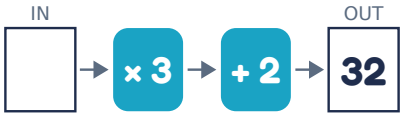
Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 **597 × 3 =**

2 What number went IN to the machine?



3 £69 is shared equally between 9 people. How much does each person get, to the nearest penny?

£

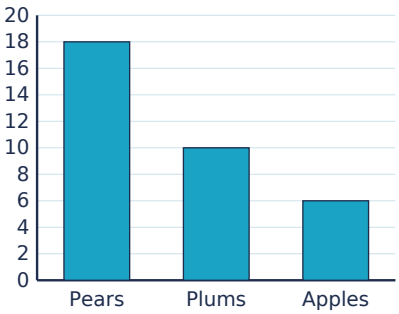
4 The clock shows a time in the afternoon. Write it as a 24-hour time.



afternoon

24-hour

5 The bar chart shows the fruit sold at the stall. How many apples and pears were there altogether?



Grammar, punctuation and spelling

6 Circle the pronoun in the sentence below.

I am able to swim.

7 Circle the co-ordinating conjunction in the sentence below.

The path was steep yet we climbed it anyway.

8 Insert the semicolon to join the two main clauses.

The recipe looked complicated it turned out to be easy.

9 Circle the word that should start with a capital letter.

The concert at Colchester castle sold out.

10 Which word or phrase is the most formal?

Tick one.

- ☐ sorted out
- ☐ fixed
- ☐ patched up
- ☐ repaired

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Reading

Read the text, then answer the questions.

Above the Clouds

Fiction

The path had climbed for hours, switching back and forth across the steep mountainside, and Daniel's legs burned. His father kept a steady pace ahead, pausing now and then to point out a hawk wheeling below them — below, not above, for they had climbed higher than the birds.

The air grew thin and cold. Wisps of cloud drifted across the trail, and Daniel began to wonder if the summit existed at all. Then, quite suddenly, they stepped out of the mist.

Daniel stopped and stared. Beneath them lay a sea of white cloud, rolling away to the horizon, with the dark peaks of other mountains rising from it like islands. The sun was warm here, above the weather. He had never felt so small, nor so glad to be small.

"Worth every step?" his father asked. Daniel could only nod.

11 What did Daniel's father point out wheeling below them?

Tick one.

- ☐ A hawk
- ☐ An eagle
- ☐ A cloud
- ☐ A goat

12 What does Daniel feeling "so small, nor so glad to be small" suggest?

Tick one.

- ☐ He felt small but glad to be there
- ☐ He wished he were taller
- ☐ He was disappointed by the climb
- ☐ He felt frightened and wanted to go home

13 Why could Daniel "only nod" when his father asked if it was worth it?

Tick one.

- ☐ He was left without words by the view
- ☐ He was too out of breath to speak
- ☐ He did not think it was worth it
- ☐ He had not heard the question

14 What does "wheeling" suggest about how the hawk was flying?

Tick one.

- ☐ Circling smoothly through the air
- ☐ Climbing steeply up the mountainside
- ☐ Switching back and forth in the air
- ☐ Keeping a steady pace below them

15 Read the passage. Tick True or False for each statement.

	True	False
Daniel and his father climbed higher than the hawk was flying.	☐	☐
The air grew warmer as they climbed.	☐	☐
At the summit, clouds lay below them.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 Good _____ helps learning.

17 Practice helps you _____.

18 We went on a _____ walk.

19 Do not _____ too quickly.

20 We did whale _____.

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Mini SATs Paper 72

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 Work out 8,919 ÷ 9 using short division.

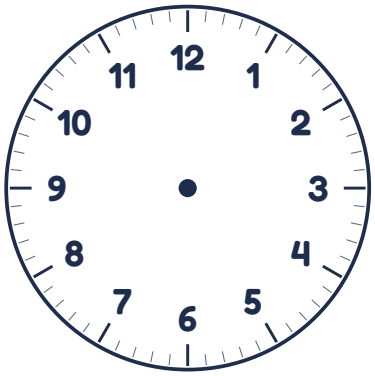
2 Which of these is a common multiple of 3 and 8?

Circle the answer.

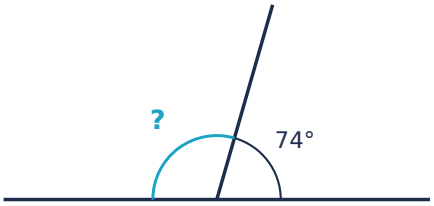
24 32 31 11

3 Work out 466 ÷ 12. Give your answer to 1 decimal place.

4 Draw the hands to show 7 minutes to 10.



5 Find the missing angle on the straight line.



Not drawn accurately

°

Grammar, punctuation and spelling

6 Which possessive pronoun correctly completes this sentence? I forgot my pen — can I borrow ___?

Tick one.

☐ yours ☐ your ☐ yourself ☐ you

7 Which word is NOT a modal verb?

Tick one.

☐ would ☐ shall ☐ should ☐ read

8 Insert both inverted commas around the words that are spoken.

How quiet the forest is! whispered Theo.

9 Add the correct punctuation mark to end the sentence.

How kind your neighbours have been ___

10 Which prefix could be added to all three words to make new words? relevant · responsible · regular

Tick one.

☐ il- ☐ im- ☐ ir- ☐ re-

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Reading

Read the text, then answer the questions.

The Last Jar

Fiction

The market had been Mrs Kapoor's for forty years. It was the kind of shop where every jar had a story: the pickles were from a recipe her mother had brought from Punjab, the chutneys were made in small batches on a Sunday, the cardamom tea was brewed fresh every morning.

But the supermarket had opened eighteen months ago, two streets away. Each month the numbers were a little worse. Now Mrs Kapoor stood at the end of a long Saturday looking at the last jar of mango pickle on the shelf and the small pile of notes in the till.

"Is that the last one?" said a voice. A young woman stood at the counter, pointing.

"Yes," said Mrs Kapoor.

"I'll take it," said the woman. "My grandmother's been asking for it every week. Nobody else makes it the way you do."

11 How long had the market belonged to Mrs Kapoor? Tick one.

- ☐ Forty years
- ☐ Thirty years
- ☐ Twenty years
- ☐ Fifty years

12 What does the description of the "small pile of notes in the till" suggest? Tick one.

- ☐ Business had been very slow and money was tight
- ☐ Mrs Kapoor preferred to keep money at the bank
- ☐ It had been a quiet day but normal for her
- ☐ The supermarket had stolen money from her

13 What does "batches" mean in the phrase "made in small batches"? Tick one.

- ☐ Quantities made at one time
- ☐ Recipes brought over from Punjab
- ☐ Jars set out together on the shelf
- ☐ The Sundays her mother spent cooking

14 What effect does the young woman's final speech have on the reader? Tick one.

- ☐ It gives hope that the shop is valued and irreplaceable
- ☐ It shows that the shop will definitely survive
- ☐ It proves the supermarket is wrong to open nearby
- ☐ It tells us the young woman is a regular customer

15 Tick True or False for each statement.

	True	False
The supermarket opened one year before the passage begins.	☐	☐
The young woman bought the last jar for her grandmother.	☐	☐
Mrs Kapoor welcomed the new supermarket as good for the area.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 Please add your _____.

17 Please wait one _____.

18 She boiled an _____ for breakfast.

19 He turned the _____ with care.

20 There was a cake _____.

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Mini SATs Paper 73

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

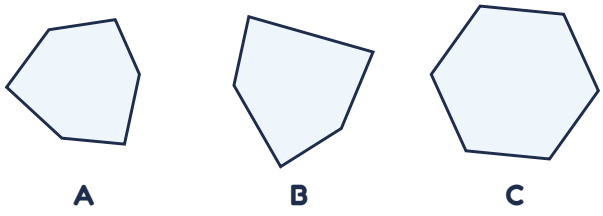
1 **6766 × 9 =**

2 Write the Roman numeral CMXCII as a number.

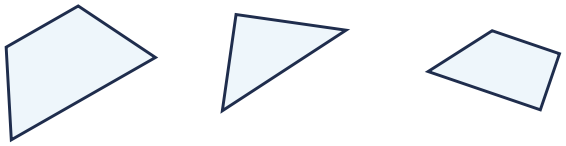
3 $\frac{3}{5} + \frac{4}{5} =$

4 How many minutes are there in 8 hours?

5 Circle the letters of all the shapes that have no right angles.



A B C



D E F

Grammar, punctuation and spelling

6 Circle the adverb in the sentence below.

The snow fell steadily.

7 What type of adverbial is "sometimes" in this sentence? We sometimes walk home together.

Tick one.

- ☐ place
- ☐ time
- ☐ frequency
- ☐ manner

8 Insert the hyphen to join the compound word.

twenty two

9 Add the correct punctuation mark to end the sentence.

We passed the old cemetery ___

10 What does the prefix super- mean in the word supermarket?

Tick one.

- ☐ above
- ☐ across
- ☐ very small
- ☐ remove

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Reading

Read the text, then answer the questions.

Bees and Pollination

Non-fiction

Bees are among the most important animals on Earth. As they collect nectar and pollen from flowers, they transfer pollen between plants, enabling fertilisation and the production of fruits and seeds. This process — pollination — helps many crops produce fruits and seeds, including apples, strawberries, courgettes and almonds.

There are over 20,000 known species of bee worldwide, from the familiar honeybee to solitary mining bees that nest underground. In recent decades, bee populations have declined sharply due to habitat loss, pesticide use, disease and climate change.

Efforts to help bees include planting wildflower meadows, reducing pesticide use and creating "bee hotels" — bundles of hollow stems that provide nesting sites for solitary bees. Individuals can also help by growing bee-friendly plants in gardens and window boxes.

11 What does pollination help many plants to produce?

Tick one.

- ☐ Fruits and seeds
- ☐ Roots and soil
- ☐ Nectar and sunlight
- ☐ Leaves and rain

12 Why does the author mention “bee hotels” at the end?

Tick one.

- ☐ To show that individuals can act to help bees
- ☐ To prove that bees need human homes to survive
- ☐ To suggest that wild habitats are no longer useful
- ☐ To explain how commercial beekeeping works

13 Tick True or False for each statement.

	True	False
All bee species live in hives in colonies.	☐	☐
Bee populations have declined in recent decades.	☐	☐
Bees only pollinate fruit trees.	☐	☐

14 What does “solitary” mean in “solitary mining bees”?

Tick one.

- ☐ Living and nesting alone, without a colony or hive
- ☐ Living in one place only, never moving on
- ☐ Being rare and hidden, and hard to find
- ☐ Resting through the winter, waking in spring

15 What does the passage suggest is the most effective approach to declining bee populations?

Tick one.

- ☐ Habitat, pesticides and individual action together
- ☐ More honeybees, kept and bred to replace the wild ones
- ☐ An immediate, total and worldwide ban on every pesticide
- ☐ New machines, built and flown to pollinate the crops

Spelling

Listen to each sentence, then write the missing word.

16 The bridge is a _____.

17 There was just _____ cake.

18 It was a wonderful _____.

19 Everyone sang the _____.

20 My parents _____ of him.

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Mini SATs Paper 74

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 $1\frac{1}{2} \times 4 =$

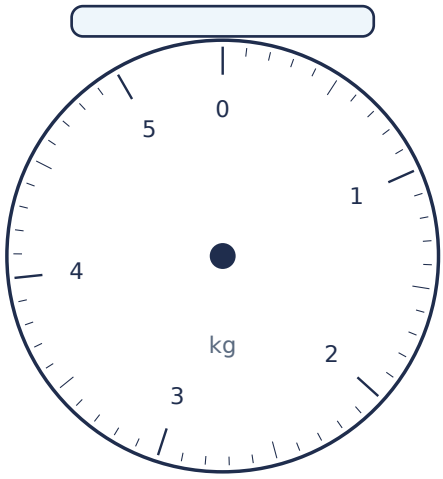
2 $x + 2y = 8$

Use the equation to find y when x = 8.

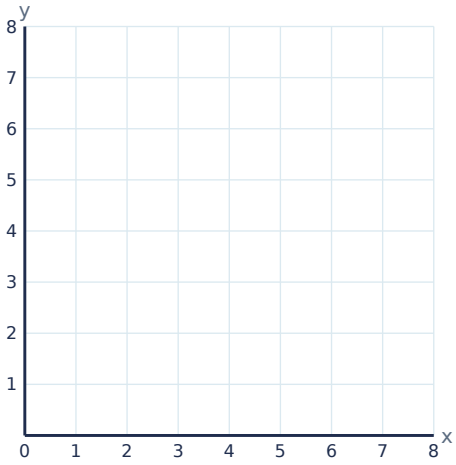
y = _____

3 Write the fraction equal to ⅓ with a denominator of 12.

4 Draw the needle to show 800 g.



5 Mark the point (1, 3) with a cross.



Grammar, punctuation and spelling

6 Circle the preposition in the sentence below.

Stars appear at night.

7 Circle the word that introduces the subordinate clause.

We waited until the storm passed.

8 Insert one comma in the correct place.

The museum has rooms about the Romans the Vikings and the Tudors.

9 Write "have not" as one word, using an apostrophe.

_____

10 Which word is a synonym of "permit"?

Tick one.

☐ forbid ☐ ignore ☐ allow ☐ delay

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Reading

Read the text, then answer the questions.

Black Holes

Non-fiction

A black hole is a region of space where gravity is so strong that nothing — not even light — can escape. They form when massive stars, much larger than our sun, reach the end of their lives and collapse under their own gravity. Current theories predict that this collapse produces a singularity, but scientists do not yet know exactly what happens at a black hole's centre.

The boundary surrounding a black hole is called the event horizon. Once anything crosses this boundary — whether matter, light or radiation — it cannot return. Despite their name, black holes are not empty voids. Their mass is concentrated into an extremely small region.

For much of the 20th century, black holes existed only as a mathematical prediction of Einstein's theory of general relativity. In April 2019, scientists published the first actual image of a black hole — or rather its shadow — captured using a network of eight radio telescopes spread across four continents, working together as a single Earth-sized instrument. The image showed a ring of glowing superheated gas surrounding a dark region. The black hole photographed is in a galaxy called M87, about 55 million light-years from Earth, and has a mass 6.5 billion times greater than our sun.

11 According to current theories, what may exist at the centre of a black hole? Tick one.

- ☐ A singularity
- ☐ An event horizon
- ☐ A ring of glowing gas
- ☐ A second star

12 Why was capturing the first image of a black hole described as a major achievement? Tick one.

- ☐ Because they cannot be seen and the technology was extraordinary
- ☐ Because no one believed black holes were real before the image
- ☐ Because the image proved Einstein's theory was wrong
- ☐ Because black holes are constantly moving and very hard to track

13 Why does the author mention Einstein's theory of general relativity? Tick one.

- ☐ To show maths predicted them before anyone saw one
- ☐ To suggest that Einstein was wrong about black holes
- ☐ To explain how black holes were first discovered
- ☐ To show that physics can predict things that cannot be tested

14 What does “concentrated” mean in the sentence about a black hole's mass? Tick one.

- ☐ Gathered into a very small region
- ☐ Spread evenly across a wide area
- ☐ Changed completely into light
- ☐ Removed from space altogether

15 Tick True or False for each statement.

	True	False
The first black hole image showed the black hole itself glowing.	☐	☐
Black holes form from the collapse of very massive stars.	☐	☐
The Event Horizon Telescope is a single large instrument in one location.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 She licked an ice _____.

17 My favourite _____ is brave.

18 A carrot is a _____.

19 We learned a new _____ in class.

20 Do not _____ in queues.

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Mini SATs Paper 75

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 **7.998 × 100 =**

2 The population of a town is 2,440,637. This rises by 730,000. What is the new population to the nearest hundred thousand?

3 How many thousandths is 0.9 equal to? □/1000.

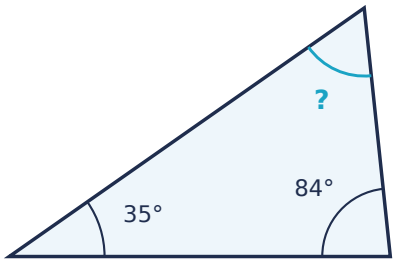
4 Work out the area of this shape.



Not to scale

cm²

5 Find the missing angle in the triangle.



Not drawn accurately

°

Grammar, punctuation and spelling

6 Circle the relative pronoun in the sentence below.

This recipe, which uses only four ingredients, never fails.

7 Which conjunction introduces a subordinate clause showing a CONTRAST?

Tick one.

- ☐ unless
- ☐ because
- ☐ whereas
- ☐ until

8 Insert commas to separate the adjectives.

a bright noisy crowded hall

9 Choose the correct word: "___ started to snow again."

Tick one.

- ☐ it
- ☐ its'
- ☐ its
- ☐ it's

10 Which word or phrase is the most formal?

Tick one.

- ☐ put right
- ☐ restored
- ☐ did up
- ☐ fixed

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Reading

Read the text, then answer the questions.

Afghanistan

Non-fiction

Afghanistan lies in the heart of Asia, where the routes between East and West have crossed for thousands of years. It is landlocked, meaning it has no coastline at all; every one of its borders is shared with another country.

Much of Afghanistan is mountainous. The mighty Hindu Kush range runs across the country from north-east to south-west, its peaks rising above 7,000 metres and capped with snow for much of the year. In these cold, remote heights live rare snow leopards, perfectly camouflaged against the rock.

High in the central mountains lie the lakes of Band-e-Amir, six pools of an astonishing deep blue, ringed by tall cliffs. They became Afghanistan's first national park.

Afghanistan's capital is Kabul. Two languages are spoken most widely: Dari and Pashto. For centuries the country has been famous for a brilliant blue stone called lapis lazuli, dug from its mountains and prized across the ancient world.

11 What is the capital of Afghanistan? Tick one.

- ☐ Kabul
- ☐ Band-e-Amir
- ☐ Pashto
- ☐ Karachi

12 Why are snow leopards "perfectly camouflaged against the rock"? Tick one.

- ☐ Their colouring helps them stay hidden there
- ☐ They move too slowly to be spotted at all
- ☐ They spend most of their lives deep underground
- ☐ Their coats are unusually bright and colourful

13 What does "astonishing" suggest about the blue of the Band-e-Amir lakes? Tick one.

- ☐ So striking that it amazes
- ☐ Dull, plain and ordinary
- ☐ Dangerous even to look at
- ☐ Slowly fading from sight

14 Why does the passage say Afghanistan is "where the routes between East and West have crossed for thousands of years"? Tick one.

- ☐ Its position made it a crossing point for trade
- ☐ Almost nobody has ever settled in the country
- ☐ It is the largest country in the whole of Asia
- ☐ It has a long coastline used by trading ships

15 Tick True or False for each statement.

	True	False
Afghanistan has a long sea coastline.	☐	☐
The Hindu Kush mountains have peaks over 7,000 metres.	☐	☐
Band-e-Amir is a group of blue lakes.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 His comment was _____.

17 The land was _____.

18 We walked home by _____.

19 Seven was the class _____.

20 We watched a funny _____.

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Mini SATs Paper 76

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 24 × 1000 =

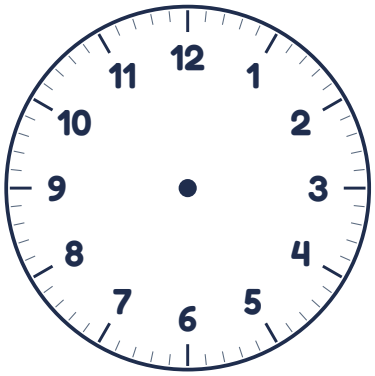
2 One year an app gained 6,121,119 new users. The next year it gained 2,624,070. How many more new users did it gain in the first year?

3 Which is the greatest?

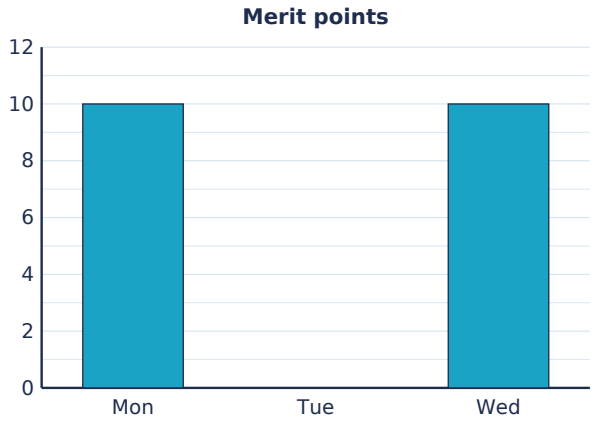
Circle the answer.

$\frac{3}{5}$ $\frac{5}{15}$ $\frac{4}{15}$

4 Draw the hands to show 5 minutes past 8.



5 One bar is missing. Draw it so the mean number of merit points across all 3 days is 7.



Grammar, punctuation and spelling

6 Circle the two nouns in the sentence below.

Curiosity overcame her caution.

7 Underline the noun phrase in the sentence below.

The rusty iron gate creaked open.

8 Insert the dash at the natural break.

The bridge reopened last week briefly.

9 Add the correct punctuation mark to end the sentence.

Did you check the timetable ___

10 Tick one box in each row to show which suffix makes a real word.

	-ment	-ise	-ify	-ate
ident-	☐	☐	☐	☐
special-	☐	☐	☐	☐
separ-	☐	☐	☐	☐
amaze-	☐	☐	☐	☐

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Reading

Read the text, then answer the questions.

The Oasis

Fiction

By the third day, the desert had taught Salim to hate the sun. It hung white and merciless above the caravan, and the dunes stretched in every direction like a frozen golden sea. His lips were cracked, and the water in the skins grew warm and precious.

His uncle had crossed these sands many times. "Save your breath, save your water," he said, "and trust the old path." The camels plodded on, swaying, never seeming to tire.

Then, far ahead, Salim saw a smudge of green that he was sure must be a trick of the heat. But it did not vanish. It grew — date palms, and the silver gleam of water, and the low walls of a village built around a spring.

The oasis was real. Salim slid from his camel and knelt by the cool water.

11 How far into the journey is the story set?

Tick one.

- ☐ The third day
- ☐ The first hour
- ☐ The tenth week
- ☐ The final night

12 Why was the water "warm and precious"?

Tick one.

- ☐ Water was scarce and vital out there
- ☐ The water had been heated on a fire
- ☐ It was a special kind of water
- ☐ They had far too much of it

13 Why did Salim think the green ahead was "a trick of the heat"?

Tick one.

- ☐ The heat can fool travellers into seeing things
- ☐ Nothing green ever grows anywhere in a desert
- ☐ His uncle had warned him about desert magic
- ☐ He had fallen asleep on the camel and dreamt it all

14 What does "merciless" suggest about the sun?

Tick one.

- ☐ It showed no mercy at all
- ☐ It was gentle and kind
- ☐ It was hidden by cloud
- ☐ It was cool and pleasant

15 Read the passage. Tick True or False for each statement.

	True	False
The oasis turned out to be a mirage that vanished.	☐	☐
The oasis had date palms and a spring.	☐	☐
Salim's uncle was crossing the desert for the first time.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 We looked out at the sea from the top of the _____.

17 She gave good _____.

18 The dog gave the bone a _____.

19 Match each _____ pot.

20 My _____ rumbled before lunch.

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Mini SATs Paper 77

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 $\frac{1}{2} \div 5 =$

Give your answer in its simplest form.

2 Two friends share some sweets in the ratio 4:7. The larger share is 21. How many sweets are there altogether?

Circle the answer.

33 3 12 30

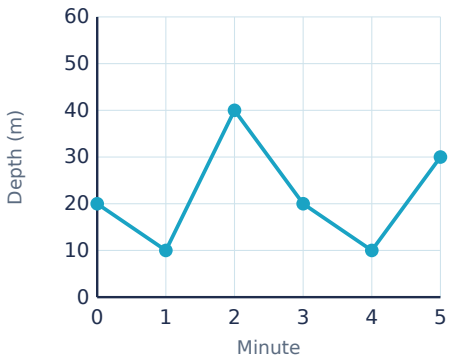
3 One ribbon is 3.397 m long and another is 0.918 m long. What is their total length? Give your answer in metres.

m

4 The satnav shows 60 miles to Leeds. About how many kilometres is that? Use 5 miles is about 8 km.

km

5 Read the line graph. What was the depth at minute 3?



Grammar, punctuation and spelling

6 Circle the verb in the sentence below.

The path narrows near the cliff.

7 Circle the co-ordinating conjunction in the sentence below.

He washed the car and cleaned the windows.

8 Insert the ellipsis at the pause.

I opened the letter slowly expecting bad news.

9 Rewrite the phrase below, adding an apostrophe to show that the yoke belongs to the oxen.

the oxens yoke

10 Which prefix could be added to all three words to make new words? graph · biography · pilot

Tick one.

☐ auto- ☐ anti- ☐ over- ☐ semi-

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Reading

Read the text, then answer the questions.

Great White Sharks

Non-fiction

The great white shark is the largest hunting fish in the sea, reaching lengths of around six metres. The whale shark is bigger still, but it feeds quietly on tiny creatures rather than hunting, so the great white keeps the title of largest hunter. Great whites live in cool coastal waters across the world.

They are superbly built for the chase. Their mouths hold rows of triangular, serrated teeth, and any teeth that are lost are quickly replaced by new ones behind them. A great white has an extraordinary sense of smell and can pick up tiny traces of blood in the water. Special sensors in its snout detect the faint electricity given off by other animals, helping it find prey it cannot even see.

Unlike most fish, a great white can keep its body warmer than the water around it, which makes it a powerful, fast swimmer. To catch a seal, it sometimes bursts upwards and leaps clear of the surface.

Despite their fearsome reputation, great whites rarely harm people, and they are now a threatened species.

11 About how long can a great white shark grow?

Tick one.

- ☐ Around six metres
- ☐ Around six centimetres
- ☐ Around sixty metres
- ☐ Around one metre

12 Why are the sensors in the great white's snout useful?

Tick one.

- ☐ They help it find unseen prey
- ☐ They help it swim much faster
- ☐ They keep its body warm
- ☐ They replace teeth it loses

13 What does being able to keep a warm body help the great white to do?

Tick one.

- ☐ Be a powerful, fast swimmer
- ☐ Sleep on the cold, dark seabed
- ☐ Live in warm, shallow water only
- ☐ Stop eating, hunting and moving

14 What does “prey” mean?

Tick one.

- ☐ Animals hunted for food
- ☐ Animals that hunt others
- ☐ A kind of thick seaweed
- ☐ A young shark or pup

15 Tick True or False for each statement.

	True	False
The great white is the largest fish of all.	☐	☐
A great white can sense the electricity given off by other animals.	☐	☐
Great whites often attack people.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 The puppy has _____ so big.

17 She shows _____ in space.

18 He felt _____ of it.

19 There are a _____ stars.

20 She had a job _____.

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Mini SATs Paper 78

Year 6 SATs · www.tigersharkeducation.co.uk

Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 $\frac{2}{3} \div 4 =$

Give your answer in its simplest form.

2 4182 photos are put into albums holding 24 photos each. How many albums are needed?

albums

3 What is 3/20 as a percentage?

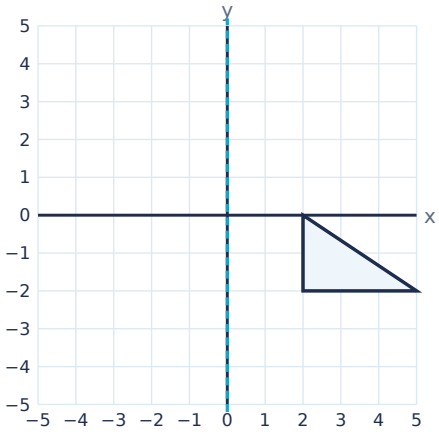
Circle the answer.

55% 1% 15% 80%

4 Convert 2500 mm to m.

m

5 Reflect the shape in the y-axis. Draw the reflection.



Grammar, punctuation and spelling

6 Underline the complete object of the sentence in the sentence below.

The fierce wind uprooted the old oak tree.

7 Which word is NOT a modal verb?

Tick one.

- ☐ could
- ☐ ought to
- ☐ can
- ☐ kick

8 Insert the colon in the correct place.

The library stocks three kinds of book fiction, non-fiction and poetry.

9 Circle the word that should start with a capital letter.

We drove north through wales in February.

10 What does the prefix ir- mean in the word irregular?

Tick one.

- ☐ not
- ☐ above
- ☐ without
- ☐ far away

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Reading

Read the text, then answer the questions.

Laika

Biography

Before any person had flown into space, a small dog led the way. Her name was Laika, and she was a gentle stray who had been living on the streets of Moscow.

In 1957 scientists in the Soviet Union were racing to explore space. They chose Laika to ride aboard a spacecraft called Sputnik 2, making her the first living creature ever to circle the Earth. She was carefully trained beforehand, and then launched far above the world while scientists watched to learn how a living body coped with space travel.

Sputnik 2 had no plan to bring Laika home. A failure in temperature control caused the cabin to overheat, and she died within hours of launch. Her flight produced some early data, but it also raised lasting ethical questions about using animals in research.

Laika became the first animal to orbit Earth. Her story is still told, and still argued over.

11 What kind of animal was Laika?

Tick one.

- ☐ A dog
- ☐ A cat
- ☐ A monkey
- ☐ A bird

12 Why did scientists send Laika into space before any person?

Tick one.

- ☐ To learn how a body coped with space
- ☐ Because dogs cannot live on Earth
- ☐ To give her a holiday away from home
- ☐ Because she had asked to go up

13 Why does Laika's story raise ethical questions?

Tick one.

- ☐ There was no plan to bring her home and she died within hours
- ☐ She chose to leave Moscow and live in space
- ☐ The spacecraft returned her safely the same day
- ☐ Scientists gathered no information from the flight

14 What does “launched” mean?

Tick one.

- ☐ Sent up with great force
- ☐ Gently put to sleep
- ☐ Slowly walked along
- ☐ Left on the ground

15 Tick True or False for each statement.

	True	False
Laika was the first living creature to circle the Earth.	☐	☐
Laika travelled on a spacecraft called Sputnik 2.	☐	☐
Laika was a cat.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 The cup was _____ empty.

17 _____ we go outside?

18 Leaving gates open is _____.

19 She is a _____ friend.

20 Fish cannot _____ in air.

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Mini SATs Paper 79

Year 6 SATs · www.tigersharkeducation.co.uk

Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 $\frac{7}{8} + \frac{8}{12} =$

2 What is the value of the digit 3 in 3,288,724?

3 Find 20% of 40.

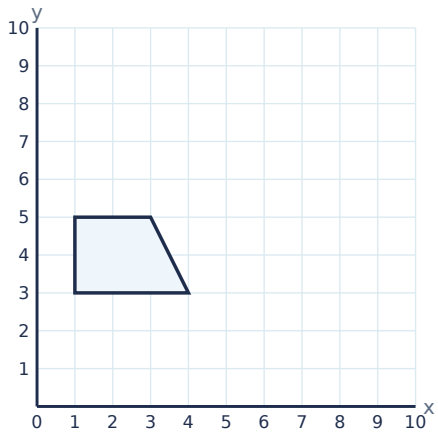
4 Work out the perimeter of the shape.



Not to scale

_____ cm

5 Translate the shape 3 up. Draw the new shape.



Grammar, punctuation and spelling

6 Circle the adjective in the sentence below.

The bread tasted stale.

7 Which sentence is written in the passive voice?

Tick one.

- ☐ The cake was baked by Gran.
- ☐ The cake baked by Gran.
- ☐ Gran was baking the cake.
- ☐ Gran baked the cake.

8 Insert a pair of commas around the extra information.

My friend Sarah who is a vet works at the zoo.

9 Add the correct punctuation mark to end the sentence.

What a curious creature it was ___

10 Which word is an antonym of “peculiar”?

Tick one.

- ☐ strange
- ☐ sturdy
- ☐ ordinary
- ☐ gentle

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Reading

Read the text, then answer the questions.

Grandad's Teeth

Poetry

When Grandad sneezed at dinner, his false teeth left his head,
they shot across the table and they bounced upon the bread;
they surfed across the butter and they vaulted off the edge,
and landed, snapping wildly, by the cat, who'd come to beg.

The cat let out a yowl and shot off sideways through the door,
the teeth still going chatter-chatter-chatter on the floor;
Gran chased them with a colander, I chased them with a shoe,
and Grandad sat there gumming, going "Whut'th all thith to-do?"

They rattled round the garden and they bounced into the pond,
they frightened all the goldfish and a frog who'd grown quite fond
of sitting on a lily, who has not been seen since then;
and just when we had lost all hope — they landed back again,

right neatly on the table, by the salt, beside the ham,
as calm as you like, as if to say, "Well, here I am."
So now when Grandad sneezes, we all dive beneath our chairs —
for nobody is safe from Grandad's teeth, and their affairs.

11 What did Gran chase the teeth with? Tick one.

- ☐ A colander
- ☐ A shoe
- ☐ A net
- ☐ A spoon

12 Why does Grandad say “Whut'th all thith to-do?” instead of saying the words clearly? Tick one.

- ☐ He has lost his teeth, so his words slur
- ☐ He is speaking in another language
- ☐ He is whispering deliberately
- ☐ He has a very bad cold

13 The frog “has not been seen since then.” What does this humorously suggest? Tick one.

- ☐ The teeth frightened the frog away
- ☐ The frog simply moved to another pond
- ☐ The frog swallowed the teeth whole
- ☐ The frog turned into a goldfish

14 What does “vaulted off the edge” suggest the teeth did? Tick one.

- ☐ Leaped or jumped over the edge
- ☐ Slid slowly towards the edge
- ☐ Balanced right at the very edge
- ☐ Rolled gently back from the edge

15 Tick True or False for each statement.

	True	False
Grandad's teeth flew out when he sneezed.	☐	☐
The teeth were never found again.	☐	☐
The cat was frightened by the teeth.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 She gave a happy _____.

17 We use _____ in lessons.

18 The pyramids are in _____.

19 She wanted to _____ thanks.

20 The police _____ waved us across.

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Mini SATs Paper 80

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 $\frac{1}{2} \times \frac{1}{5} =$

Give your answer in its simplest form.

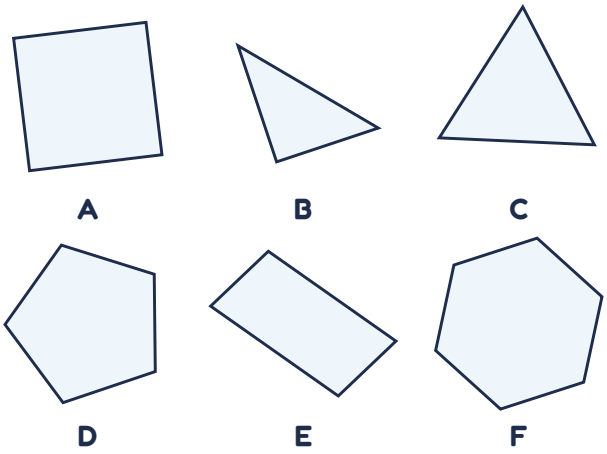
2 A water tank holds 1763 litres. 299 litres are used on Monday, 221 on Tuesday and 311 on Wednesday. How many litres are left?

3 Find $\frac{5}{6}$ of 42.

4 A bus route is 1 km long. How far is the route driven 6 times? Give your answer in metres.

m

5 Circle the letters of all the irregular polygons (sides or angles not all equal).



Grammar, punctuation and spelling

6 Circle the conjunction in the sentence below.

Since the shop closed, we walk further.

7 What type of adverbial is "always" in this sentence? She always checks her answers.

Tick one.

- ☐ place
- ☐ manner
- ☐ time
- ☐ frequency

8 Insert a comma after the fronted adverbial.

Yesterday afternoon she dived in.

9 Add the correct punctuation mark to end the sentence.

The climbers rested when they reached the summit ___

10 Which word or phrase is the most formal?

Tick one.

- ☐ massive
- ☐ considerable
- ☐ whopping
- ☐ huge

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Reading

Read the text, then answer the questions.

Yuri Gagarin

Biography

Yuri Gagarin was a Soviet pilot who became the first human being ever to travel into space. He was born in 1934 in a small village in Russia, the son of a carpenter, and grew up loving aeroplanes.

On 12 April 1961, Gagarin climbed into a tiny spacecraft called Vostok 1 and was launched high above the Earth. He circled the whole planet once, gazing down in wonder at the blue world below, before returning safely to the ground. The entire flight lasted less than two hours.

Gagarin's journey amazed the world. He had proved that a person really could survive being rocketed into space, and he came home a hero, welcomed by enormous, cheering crowds wherever he went.

Sadly, Gagarin died young, in an aeroplane accident in 1968. But he is still remembered as the very first of the many people who have looked back at the Earth from space.

11 What was Gagarin's spacecraft called?

Tick one.

- ☐ Vostok 1
- ☐ Apollo 11
- ☐ Sputnik 2
- ☐ HMS Beagle

12 What did Gagarin's journey prove to the world?

Tick one.

- ☐ That a person could survive going into space
- ☐ That the Earth was flat after all
- ☐ That space was full of breathable air
- ☐ That aeroplanes were of no further use

13 Why is Gagarin remembered as “the very first” of many?

Tick one.

- ☐ He was the first to see Earth from space
- ☐ He was the oldest pilot ever to fly
- ☐ He flew more missions than anyone else
- ☐ He built more spacecraft than anyone

14 What does “launched” mean?

Tick one.

- ☐ Sent up with great force
- ☐ Slowly lowered down
- ☐ Quietly hidden
- ☐ Left behind

15 Tick True or False for each statement.

	True	False
Gagarin was the first human to travel into space.	☐	☐
Gagarin's flight lasted several weeks.	☐	☐
Gagarin returned safely to Earth after his flight.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 He gave a _____ push.

17 The map is a _____.

18 Honey is a _____ sweetener.

19 Dogs barked, cats meowed _____.

20 French is a beautiful _____.

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Mini SATs Paper 71

Answers for the adult

Maths

1 mark each

1. **1,791**
2. **10** Output 32, undo +2 = 30, undo ×3 = 10 — so 10 went in.
3. **£7.67** £69 ÷ 9 = £7.67 (nearest penny)
4. **16:00** 4 + 12 = 16
5. **24** Apples + Pears = 6 + 18 = 24

Grammar, punctuation and spelling

6. **I**
7. **yet**
8. **The recipe looked complicated; it turned out to be easy.**
9. **Castle**
10. **repaired**

Reading

Above the Clouds

11. **A hawk**
12. **He felt small but glad to be there**
13. **He was left without words by the view**
14. **Circling smoothly through the air**
15. **True, False, True (1 mark if all are correct)**

Spelling

Read the word, then the sentence, then the word again.

16. **discipline** Good **discipline** helps learning.
17. **succeed** Practice helps you **succeed**.
18. **nature** We went on a **nature** walk.
19. **assume** Do not **assume** too quickly.
20. **research** We did whale **research**.

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Mini SATs Paper 72

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Answers for the adult

Maths

1 mark each

1 **991** 8,919 ÷ 9 = 991

2 **24**

3 **38.8** 466 ÷ 12 = 38.833... ≈ 38.8 (1 d.p.)

4 **9:53**



5 **106°** 180 − 74 = 106°

Grammar, punctuation and spelling

6 **yours**

7 **read**

8 **“How quiet the forest is!” whispered Theo.**

9 **How kind your neighbours have been!**

10 **ir-**

Reading

The Last Jar

11 **Forty years**

12 **Business had been very slow and money was tight**

13 **Quantities made at one time**

14 **It gives hope that the shop is valued and irreplaceable**

15 **False, True, False (1 mark if all are correct)**

Spelling

Read the word, then the sentence, then the word again.

16 **signature** Please add your **signature**.

17 **minute** Please wait one **minute**.

18 **egg** She boiled an **egg** for breakfast.

19 **screw** He turned the **screw** with care.

20 **selection** There was a cake **selection**.

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Mini SATs Paper 73

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Answers for the adult

Maths

1 mark each

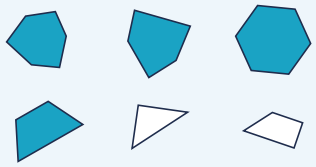
1 **60,894**

2 **992** CM=900 + XC=90 + II=2

3 **⅞ (or 1 ⅜)**

4 **480** 8 × 60 = 480 minutes

5 **A, B, C, D**



Grammar, punctuation and spelling

6 **steadily**

7 **frequency**

8 **twenty-two**

9 **We passed the old cemetery.**

10 **above**

Reading

Bees and Pollination

11 **Fruits and seeds**

12 **To show that individuals can act to help bees**

13 **False, True, False (1 mark if all are correct)**

14 **Living and nesting alone, without a colony or hive**

15 **Habitat, pesticides and individual action together**

Spelling

Read the word, then the sentence, then the word again.

16 **structure** The bridge is a **structure**.

17 **enough** There was just **enough** cake.

18 **experience** It was a wonderful **experience**.

19 **chorus** Everyone sang the **chorus**.

20 **approve** My parents **approve** of him.

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Mini SATs Paper 74

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Answers for the adult

Maths

1 mark each

1 **12½**

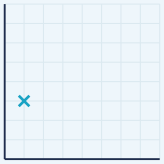
2 **y = 0** x = 8, so 2y = 8 − 8 = 0; y = 0 ÷ 2 = 0

3 **4⁄12**

4 **0.8 kg**



5 **(1, 3)**



Grammar, punctuation and spelling

6 **at**

7 **until**

8 **The museum has rooms about the Romans, the Vikings and the Tudors.**

9 **haven't**

10 **allow**

Reading

Black Holes

11 **A singularity**

12 **Because they cannot be seen and the technology was extraordinary**

13 **To show maths predicted them before anyone saw one**

14 **Gathered into a very small region**

15 **False, True, False (1 mark if all are correct)**

Spelling

Read the word, then the sentence, then the word again.

16 **lolly** She licked an ice **lolly**.

17 **character** My favourite **character** is brave.

18 **vegetable** A carrot is a **vegetable**.

19 **dance** We learned a new **dance** in class.

20 **jostle** Do not **jostle** in queues.

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Mini SATs Paper 75

Year 6 SATs · www.tigersharkeducation.co.uk

Answers for the adult

Maths

1 mark each

1 **799.8**

2 **3,200,000** 2,440,637 + 730,000 = 3,170,637, rounded to 3,200,000

3 **900**

4 **30 cm²** 3 × 10 = 30 cm²

5 **61°** 180 − 35 − 84 = 61°

Grammar, punctuation and spelling

6 **which**

7 **whereas**

8 **a bright, noisy, crowded hall**

9 **it's**

10 **restored**

Reading

Afghanistan

11 **Kabul**

12 **Their colouring helps them stay hidden there**

13 **So striking that it amazes**

14 **Its position made it a crossing point for trade**

15 **False, True, True (1 mark if all are correct)**

Spelling

Read the word, then the sentence, then the word again.

16 **irrelevant** His comment was **irrelevant**.

17 **fictitious** The land was **fictitious**.

18 **starlight** We walked home by **starlight**.

19 **average** Seven was the class **average**.

20 **movie** We watched a funny **movie**.

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Mini SATs Paper 76

Year 6 SATs · www.tigersharkeducation.co.uk

Answers for the adult

Maths

1 mark each

1 **24,000**

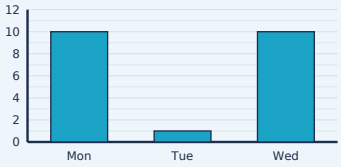
2 **3,497,049** 6,121,119 − 2,624,070 = 3,497,049

3 **⅗**

4 **8:05**



5 **Tue = 1**



Grammar, punctuation and spelling

6 **Curiosity, caution**

7 **The rusty iron gate**

8 **The bridge reopened last week — briefly.**

9 **Did you check the timetable?**

10 **identify, specialise, separate, amazement**

Reading

The Oasis

11 **The third day**

12 **Water was scarce and vital out there**

13 **The heat can fool travellers into seeing things**

14 **It showed no mercy at all**

15 **False, True, False (1 mark if all are correct)**

Spelling

Read the word, then the sentence, then the word again.

16 **cliff** We looked out at the sea from the top of the **cliff**.

17 **advice** She gave good **advice**.

18 **sniff** The dog gave the bone a **sniff**.

19 **corresponding** Match each **corresponding** pot.

20 **stomach** My **stomach** rumbled before lunch.

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Mini SATs Paper 77

Answers for the adult

Maths

1 mark each

1 **1/10**

2 **33**

3 **4.315 m** 3.397 + 0.918 = 4.315 m

4 **96 km** 60 ÷ 5 × 8 = 96 km

5 **20**

Grammar, punctuation and spelling

6 **narrows**

7 **and**

8 **I opened the letter slowly... expecting bad news.**

9 **the oxen's yoke**

10 **auto-**

Reading

Great White Sharks

11 **Around six metres**

12 **They help it find unseen prey**

13 **Be a powerful, fast swimmer**

14 **Animals hunted for food**

15 **False, True, False (1 mark if all are correct)**

Spelling

Read the word, then the sentence, then the word again.

16 **grown** The puppy has **grown** so big.

17 **interest** She shows **interest** in space.

18 **jealous** He felt **jealous** of it.

19 **billion** There are a **billion** stars.

20 **interview** She had a job **interview**.

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Answers for the adult

Maths

1 mark each

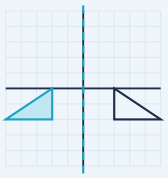
1 **⅙**

2 **175 albums** 4182 ÷ 24 = 174 r 6, so 175

3 **15%**

4 **2.5 m**

5 **(−2, −2), (−5, −2), (−2, 0)**



Grammar, punctuation and spelling

6 **the old oak tree**

7 **kick**

8 **The library stocks three kinds of book: fiction, non-fiction and poetry.**

9 **Wales**

10 **not**

Reading

Laika

11 **A dog**

12 **To learn how a body coped with space**

13 **There was no plan to bring her home and she died within hours**

14 **Sent up with great force**

15 **True, True, False (1 mark if all are correct)**

Spelling

Read the word, then the sentence, then the word again.

16 **completely** The cup was **completely** empty.

17 **shall** **Shall** we go outside?

18 **thoughtless** Leaving gates open is **thoughtless**.

19 **reliable** She is a **reliable** friend.

20 **breathe** Fish cannot **breathe** in air.

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Mini SATs Paper 79

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Answers for the adult

Maths

1 mark each

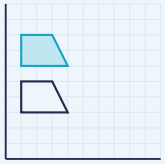
1 **$^{37}/_{24}$ (or 1 $^{13}/_{24}$)**

2 **3,000,000**

3 **8**

4 **20 cm** 2 × (6 + 4) = 20 cm

5 **(1, 6), (4, 6), (3, 8), (1, 8)**



Grammar, punctuation and spelling

6 **stale**

7 **The cake was baked by Gran.**

8 **My friend Sarah, who is a vet, works at the zoo.**

9 **What a curious creature it was!**

10 **ordinary**

Reading

Grandad's Teeth

11 **A colander**

12 **He has lost his teeth, so his words slur**

13 **The teeth frightened the frog away**

14 **Leaped or jumped over the edge**

15 **True, False, True (1 mark if all are correct)**

Spelling

Read the word, then the sentence, then the word again.

16 **sigh** She gave a happy **sigh**.

17 **technology** We use **technology** in lessons.

18 **Egypt** The pyramids are in **Egypt**.

19 **express** She wanted to **express** thanks.

20 **officer** The police **officer** waved us across.

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Answers for the adult

Maths

1 mark each

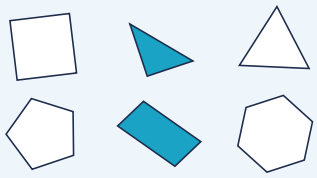
1 **1/10**

2 **932** 1763 − 299 − 221 − 311 = 932

3 **35** 5/6 of 42 = (42 ÷ 6) × 5 = 35

4 **6000 m** 1 × 6 = 6 km = 6000 m

5 **B, E**



Grammar, punctuation and spelling

6 **Since**

7 **frequency**

8 **Yesterday afternoon, she dived in.**

9 **The climbers rested when they reached the summit.**

10 **considerable**

Reading

Yuri Gagarin

11 **Vostok 1**

12 **That a person could survive going into space**

13 **He was the first to see Earth from space**

14 **Sent up with great force**

15 **True, False, True (1 mark if all are correct)**

Spelling

Read the word, then the sentence, then the word again.

16 **forcible** He gave a **forcible** push.

17 **representation** The map is a **representation**.

18 **natural** Honey is a **natural** sweetener.

19 **respectively** Dogs barked, cats meowed **respectively**.

20 **language** French is a beautiful **language**.

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