Mini SATs Paper 1

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 **7959 × 84 =**

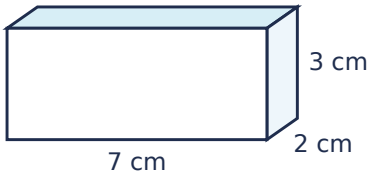
2 Is 29 a prime number?

Circle the answer.

Yes **No**

3 $\frac{5}{7} + \frac{4}{7} =$

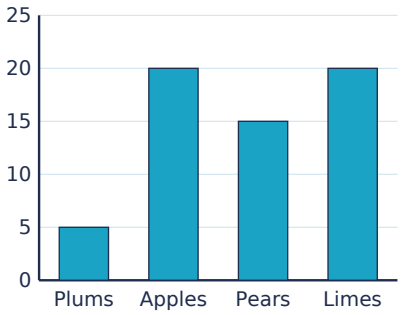
4 Work out the volume of this cuboid.



Not to scale

_____ cm³

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



Grammar, punctuation and spelling

6 Tick one box in each row to show the job the underlined word is doing.

	verb	noun	adjective
The <u>cut</u> grass smelled sweet.	☐	☐	☐
The <u>cuts</u> on his knee soon healed.	☐	☐	☐
The barber <u>cuts</u> my hair too short.	☐	☐	☐

7 Underline the noun phrase in the sentence below.

The battered leather suitcase belonged to Grandad.

8 Insert a comma after the fronted adverbial.

Late that night we go to the park.

9 Add the correct punctuation mark to end the sentence.

When does the library close ___

10 What does the prefix trans- mean in the word transport?

Tick one.

☐ together ☐ between

☐ across ☐ too much

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Reading

Read the text, then answer the questions.

Bioluminescence

Non-fiction

Deep beneath the ocean's surface, where sunlight cannot reach, some creatures have evolved a remarkable ability: they make their own light. This phenomenon is called bioluminescence, from the Greek "bios" (life) and the Latin "lumen" (light).

Around 76% of deep-sea animals are bioluminescent, using their glow for a variety of purposes. Some, like the anglerfish, use a dangling light as a lure to attract prey. Others flash light signals to communicate with potential mates. A few species release clouds of glowing particles when threatened, confusing predators long enough to escape.

Bioluminescence is produced by a chemical reaction involving a molecule called luciferin. When combined with oxygen in the presence of an enzyme, luciferin emits light — with almost no heat produced in the process.

11 How does the anglerfish use bioluminescence?

Tick one.

- ☐ To lure prey towards it
- ☐ To communicate with mates
- ☐ To confuse predators
- ☐ To navigate in the dark

12 Tick True or False for each statement.

	True	False
Bioluminescence produces a large amount of heat.	☐	☐
All deep-sea animals are bioluminescent.	☐	☐
Some animals use bioluminescence to find a mate.	☐	☐

13 Why might producing light be an advantage for deep-sea creatures?

Tick one.

- ☐ In total darkness, light can attract prey, find mates or warn predators
- ☐ In deep water, poor eyesight is common, useless or dangerous
- ☐ On the sea floor, a natural glow lets creatures hide, feed or rest
- ☐ In strong currents, light helps creatures steer, drift or hold still

14 What does “where sunlight cannot reach” emphasise about the deep ocean environment?

Tick one.

- ☐ It is a wholly different world with its own rules
- ☐ The deep ocean is cold and lifeless
- ☐ Light-producing creatures have evolved to replace sunlight
- ☐ Deep-sea creatures are blind because of the darkness

15 What does “phenomenon” mean in this passage?

Tick one.

- ☐ A remarkable or unusual fact or event seen in nature
- ☐ A scientific experiment or test
- ☐ A type of deep-sea creature
- ☐ A process that is fully understood by scientists

Spelling

Listen to each sentence, then write the missing word.

16 His _____ troubled him.

17 These flowers are _____.

18 She lifted the heavy _____.

19 Each _____ got a pencil.

20 Up is _____ to down.

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Mini SATs Paper 2

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Name _____ Date _____ Score ___ / 20

Maths

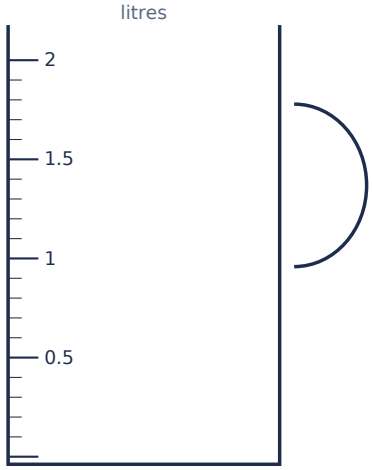
Show your working in the squares.

1 $\frac{3}{8} \times 2 =$

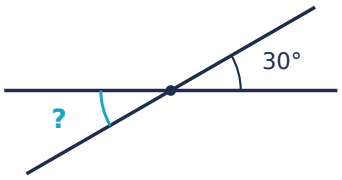
2 What number goes in the box to make this correct? 6 × 4 = □ + 15

3 Write the fraction equal to $\frac{7}{10}$ with a denominator of 100.

4 Shade the jug to show 800 ml.



5 Two straight lines cross. Find the angle marked ?.



Not drawn accurately

°

Grammar, punctuation and spelling

6 Circle the pronoun in the sentence below.

I ate an almond nut.

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

He forgot his lines but the audience clapped anyway.

8 Insert the semicolon to join the two main clauses.

Cats sleep for most of the day dogs need constant company.

9 Rewrite the phrase below, adding an apostrophe to show that the changing room belongs to the boys.

the boys changing room

_____

10 Which word is a synonym of “sturdy”?

Tick one.

☐ strong ☐ slender ☐ fragile ☐ hollow

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Reading

Read the text, then answer the questions.

Jane Goodall

Biography

Jane Goodall was a British scientist who changed the way the world thinks about animals. Born in 1934, she dreamed as a child of living among the wild animals of Africa.

In 1960 that dream came true. Goodall travelled to a forest in Tanzania to study chimpanzees in the wild. With great patience she sat quietly for months, until the shy animals grew used to her. Rather than giving them numbers, as scientists often did, she gave each chimpanzee a name and came to know them as individuals.

Then Goodall made a remarkable discovery. She watched a chimpanzee strip the leaves from a twig and use it to fish termites out of their nest. Until that moment, people had believed that only humans could make and use tools.

Goodall spent the rest of her long life protecting chimpanzees and the natural world, inspiring millions of people, right up until her death in 2025.

11 Where did Goodall travel in 1960 to study chimpanzees? Tick one.

- ☐ A forest in Tanzania
- ☐ A zoo in Britain
- ☐ The wild animals of Africa
- ☐ A forest near her childhood home

12 What did Goodall watch a chimpanzee use a twig to do? Tick one.

- ☐ Fish termites out of their nest
- ☐ Dig a nest in the forest floor
- ☐ Groom another chimpanzee's fur
- ☐ Carry water back to its young

13 Why did Goodall sit quietly for months? Tick one.

- ☐ So the shy chimpanzees got used to her
- ☐ Because she had nothing else to do
- ☐ To hide away from other scientists
- ☐ Because she had fallen asleep there

14 What does “patience” mean? Tick one.

- ☐ The ability to wait calmly without giving up
- ☐ The ability to move quietly without being seen
- ☐ The ability to remember what you have observed
- ☐ The ability to work alone for long periods

15 Tick True or False for each statement.

	True	False
Goodall studied chimpanzees in the wild.	☐	☐
Goodall discovered that only humans can use tools.	☐	☐
Goodall gave each chimpanzee a name.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 The play had funny _____.

17 The teams reached an _____.

18 The factory will _____ toys.

19 It was a bright, _____ day.

20 The cave had sparkling _____.

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Mini SATs Paper 3

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 **80 ÷ 1000 =**

2 Write the missing numbers in the boxes.

37 → 35 → 33 → 31 → ☐ → ☐

3 How many thousandths is 0.4 equal to? ☐/1000.

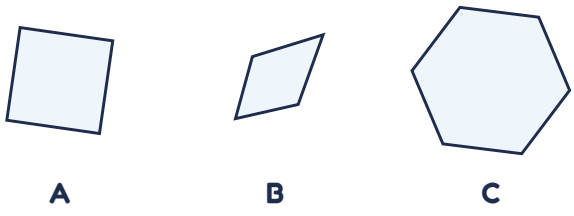
4 The clock shows a time in the evening. Write it as a 24-hour time.



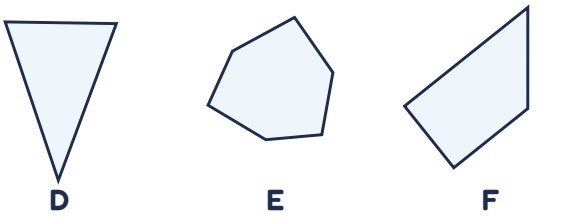
evening

24-hour ☐

5 Circle the letters of all the shapes that have at least one pair of parallel sides.



A B C



D E F

Grammar, punctuation and spelling

6 Which sentence uses a possessive pronoun?

Tick one.

- ☐ It was our submission.
- ☐ The winning entry was ours.
- ☐ Our entry won.
- ☐ We submitted ours.

7 Which sentence does NOT contain a modal verb?

Tick one.

- ☐ The children might walk to school.
- ☐ He bakes the cake.
- ☐ I might finish my homework.
- ☐ They will build a sandcastle.

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

The tide is coming in quickly, noticed Isla.

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

priya visited the Science Museum on Monday.

10 Which word or phrase is the most formal?

Tick one.

- ☐ knocked up
- ☐ put together
- ☐ built
- ☐ constructed

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Reading

Read the text, then answer the questions.

The Challenger

Fiction

Nobody at St Dunstan's could beat Noor at chess — nobody except Mr Chen, the science teacher, who played with a speed and precision that made her feel like a beginner all over again.

She had lost to him fourteen times. After each game, he said the same thing: "What would you do differently?" And she would replay the game in her mind, finding the moment where she had been too cautious, or too bold, or where she had seen only one move when several were possible.

On the fifteenth game, she won.

Mr Chen sat back and studied the board for a long time. Then he smiled — a real one, not the polite kind he gave to good answers in class.

"You've stopped playing not to lose," he said. "That's when it gets interesting."

11 What does Mr Chen's "real" smile suggest?

Tick one.

- ☐ He was genuinely impressed by her progress
- ☐ He found chess more interesting than science
- ☐ He was encouraging a struggling student
- ☐ He thought she had made a lucky move

12 What does "precision" suggest about Mr Chen's playing?

Tick one.

- ☐ Each move was exact, deliberate and accurate
- ☐ Each move was quick, thoughtless and lucky
- ☐ Each move was slow, cautious and defensive
- ☐ Each move was practised, familiar and childish

13 Tick True or False for each statement.

	True	False
Mr Chen never spoke to Noor after their games.	☐	☐
Noor played Mr Chen many times before winning.	☐	☐
Mr Chen said Noor had been playing too boldly all along.	☐	☐

14 What does "nobody" except one person being able to beat Noor suggest about her chess ability?

Tick one.

- ☐ She had outgrown everyone at school level
- ☐ She was lucky in her matches
- ☐ The school had a weak chess programme
- ☐ The other students had not bothered to practise

15 What does the decision to challenge Mr Chen suggest about Noor's character?

Tick one.

- ☐ She was ambitious and not satisfied with winning
- ☐ She was overconfident and likely to lose
- ☐ She wanted to embarrass her teacher
- ☐ She had been encouraged to challenge him by other students

Spelling

Listen to each sentence, then write the missing word.

16 The _____ was sunny all day.

17 The storm was a little _____.

18 This is _____ for children.

19 The _____ girl saved it.

20 Please _____ me the time.

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Mini SATs Paper 4

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 6,000 ÷ 1000 =

2 A drama club has £80.60. It receives £14.45 in ticket sales, then pays £7.30 for costume hire and £2.81 for props. How much money does the club have now? Give your answer in pounds.

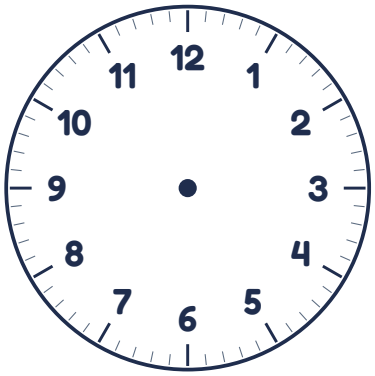
£

3 Which is greater?

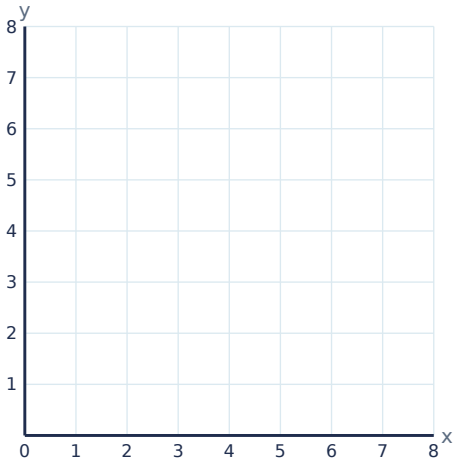
Circle the answer.

$\frac{11}{12}$ $\frac{4}{12}$

4 Draw the hands to show 21 minutes to 11.



5 Mark the point (1, 8) with a cross.



Grammar, punctuation and spelling

6 Circle the adverb in the sentence below.

She sensibly wore boots.

7 What type of adverbial is "behind the shed" in this sentence? The hedgehog nests behind the shed.

Tick one.

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

8 Add the missing punctuation mark at the end of the spoken words. Take care which side of the inverted comma it goes.

"The tide is coming in quickly" noticed Isla.

9 Add the correct punctuation mark to end the sentence.

What a relief the results were ___

10 Which prefix could be added to all three words to make new words? atlantic · form · plant

Tick one.

- ☐ trans-
- ☐ under-
- ☐ super-
- ☐ inter-

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Reading

Read the text, then answer the questions.

Sharks

Non-fiction

Sharks have patrolled the world's oceans for over 450 million years — predating the dinosaurs by more than 200 million years. Of the more than 500 known species, fewer than a dozen are considered dangerous to humans. Yet their fearsome reputation persists, fuelled by sensationalist media coverage.

In reality, sharks are far more threatened by humans than humans are by sharks. Tens of millions of sharks are killed each year: some are targeted for their meat or fins, while others are caught accidentally. In the cruel practice called "finning", fins are removed and the shark is thrown back into the sea, where it dies.

Sharks play a vital role in ocean ecosystems, keeping prey populations balanced. Scientists warn that their decline could trigger cascading effects throughout the food chain, ultimately affecting fisheries on which millions of people depend.

11 How many shark species are considered dangerous to humans?

Tick one.

- ☐ Fewer than a dozen
- ☐ More than fifty
- ☐ Around thirty
- ☐ All 500 species

12 Why does the author mention that sharks predate dinosaurs?

Tick one.

- ☐ To emphasise how ancient and well-adapted sharks are
- ☐ To suggest sharks are more important than dinosaurs
- ☐ To explain why sharks are so dangerous
- ☐ To show sharks have not changed

13 What do “cascading effects” suggest?

Tick one.

- ☐ A chain reaction in which one change causes further changes
- ☐ A sudden collapse limited to one fish species
- ☐ A slow change with no effect on the food chain
- ☐ A problem caused only by falling water

14 Tick True or False for each statement.

	True	False
Sharks evolved before the dinosaurs.	☐	☐
Some sharks are caught accidentally by fishing vessels.	☐	☐
Finning allows a shark to return safely to the ocean.	☐	☐

15 Why could a large decline in sharks affect the whole ocean food chain?

Tick one.

- ☐ Sharks help keep prey populations balanced
- ☐ Sharks make all of the oxygen in the ocean
- ☐ Sharks prevent ocean temperatures from rising
- ☐ Sharks build habitats for every other sea animal

Spelling

Listen to each sentence, then write the missing word.

16 He turned the _____ to open the door.

17 Can you _____ this heavy bag?

18 She had to _____ it.

19 We sometimes _____.

20 We learned about Japanese _____.

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Mini SATs Paper 5

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 Work out 8^2 (8 squared).

2 What number went IN to the machine?

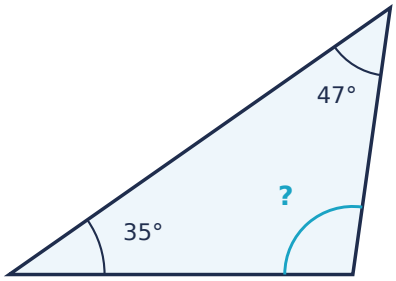


3 One path is 1.621 m long and another is 3.223 m long. What is their total length? Give your answer in metres.

m

4 How many months are there in 8 years?

5 Find the missing angle in the triangle.



Not drawn accurately

°

Grammar, punctuation and spelling

6 Circle the preposition in the sentence below.

I always brush my teeth before bed.

7 Underline the subordinate clause in the sentence below.

He left before the ceremony ended.

8 Insert the hyphen to join the compound word.

There was a build up of litter around the bins.

9 Add the correct punctuation mark to end the sentence.

He paid me a compliment ___

10 What does the prefix anti- mean in the word antisocial?

Tick one.

- ☐ never
- ☐ more than
- ☐ opposite
- ☐ not

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Reading

Read the text, then answer the questions.

Atoms and Elements

Non-fiction

Everything in the universe — your body, the air, this page — is built from incredibly tiny particles called atoms. Atoms are so small that millions of them would fit across the width of a single hair.

A substance made of only one kind of atom is called an element. Gold, oxygen and carbon are all elements. There are around 118 known elements in total, and everything else is made by joining these elements together in different ways.

Scientists organise all the elements in a famous chart called the periodic table. It lists them in order and groups together elements that behave in similar ways, which helps scientists understand and predict how they will act.

Most elements are metals, like iron and copper, which are usually shiny and good at carrying electricity. Others are non-metals, like oxygen and carbon. The lightest and simplest element of all is hydrogen.

11 What are the tiny particles that everything is built from called?

Tick one.

- ☐ Atoms
- ☐ Elements
- ☐ Carbon
- ☐ Oxygen

12 Why does the passage say “millions of them would fit across the width of a single hair”?

Tick one.

- ☐ To show how extremely small atoms are
- ☐ To say atoms are easy to see
- ☐ To explain that hairs are made of metal
- ☐ To prove there are very few atoms

13 Why does the periodic table group “elements that behave in similar ways”?

Tick one.

- ☐ It helps scientists predict how they act
- ☐ It makes the chart look more colourful
- ☐ It hides the dangerous elements away
- ☐ It puts them into alphabetical order

14 What does it mean that most metals are “good at carrying electricity”?

Tick one.

- ☐ They let electricity pass through
- ☐ They are made out of electricity
- ☐ They block all electricity
- ☐ They store up electricity

15 Tick True or False for each statement.

	True	False
An element is made of only one kind of atom.	☐	☐
Most elements are metals.	☐	☐
Hydrogen is the heaviest element of all.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 The map showed the _____ of the treasure.

17 The bark had rough _____.

18 The sun will _____ soon.

19 He pressed with gentle _____.

20 She is a royal _____.

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Mini SATs Paper 6

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

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

Give your answer in its simplest form.

2 Which of these numbers is prime?

Circle the answer.

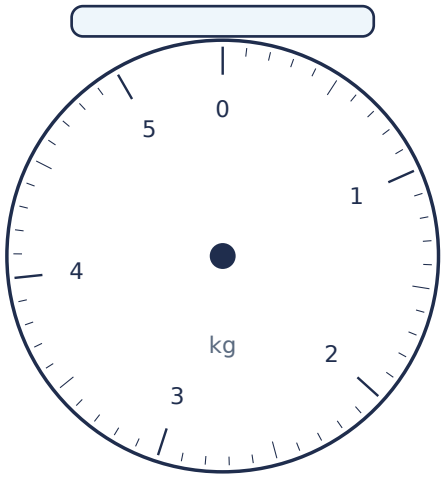
51 47 50 48

3 What is 0.7 as a fraction?

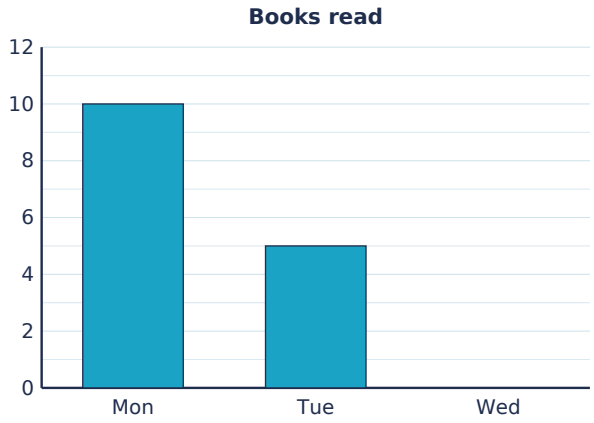
Circle the answer.

$\frac{11}{20}$ $\frac{3}{10}$ $\frac{9}{20}$ $\frac{7}{10}$

4 Draw the needle to show 100 g.



5 One bar is missing. Draw it so the mean number of books across all 3 days is 8.



Grammar, punctuation and spelling

6 Circle the relative pronoun in the sentence below.

The oak, which shades the whole garden, is protected.

7 Which conjunction completes the sentence? He kept running ___ his legs ached.

Tick one.

- ☐ until
- ☐ although
- ☐ because
- ☐ unless

8 Insert 2 commas in the correct places.

My cousin has lived in Leeds Bristol Cardiff and Dundee.

9 Write “were not” as one word, using an apostrophe.

_____

10 Which word is an antonym of “gleaming”?

Tick one.

- ☐ distant
- ☐ shining
- ☐ hollow
- ☐ dull

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Reading

Read the text, then answer the questions.

Forces and Gravity

Non-fiction

A force is simply a push or a pull. Forces are at work all around you, even when you cannot see them. A force can make something start to move, speed up, slow down, change direction or even change shape.

The most familiar force of all is gravity. Gravity is the pull that draws everything towards the Earth. It is the reason a dropped ball falls to the ground instead of floating away, and the reason you have weight. Gravity reaches across empty space too: it is the Sun's gravity that keeps the Earth circling around it.

Other forces work only by touching. Friction is a force that appears whenever two surfaces rub together, slowing things down — it is what stops a bicycle when you squeeze the brakes. Air resistance is a kind of friction with the air, which is why a feather flutters slowly to the ground while a stone drops quickly.

When the forces on an object are balanced, it either stays still or keeps moving steadily.

11 What is a force?

Tick one.

- ☐ A push or a pull
- ☐ A kind of light
- ☐ A type of metal
- ☐ A sort of sound

12 Why does a dropped ball fall to the ground instead of floating away?

Tick one.

- ☐ Gravity pulls it earthwards
- ☐ It is too heavy to float
- ☐ The air pushes it downward
- ☐ Friction drags it downward

13 What keeps the Earth circling around the Sun?

Tick one.

- ☐ The Sun's gravity
- ☐ Friction with the air
- ☐ A giant magnet
- ☐ The Earth's brakes

14 What does it mean that forces are “balanced”?

Tick one.

- ☐ They are equal, so the object stays still or moves steadily
- ☐ One is stronger, so the object speeds up in that direction
- ☐ There are no forces acting on the object at that moment
- ☐ They are so strong that the object is about to break apart

15 Tick True or False for each statement.

	True	False
A force can only ever be a push, never a pull.	☐	☐
Gravity is the reason you have weight.	☐	☐
Air resistance is a kind of friction with the air.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 That was the _____ puzzle.

17 The school planned an _____.

18 The farmer used a _____.

19 The soldiers began to _____.

20 He used a _____ to tidy his hair.

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Mini SATs Paper 7

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 $\frac{8}{10} - \frac{3}{8} =$

2 Write the Roman numeral CCCLXXXV as a number.

3 Find 30% of 40.

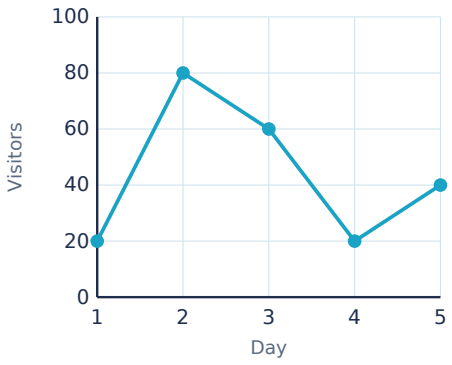
4 Work out the area of this shape.



Not to scale

cm²

5 Read the line graph. How much did the visitors fall from day 2 to day 3?



Grammar, punctuation and spelling

6 Circle the noun in the sentence below.

Her loyalty never wavered.

7 Underline the noun phrase in the sentence below.

She painted a beautiful mural on the wall.

8 Insert commas to separate the adjectives.

a old rusty battered bicycle

9 Choose the correct word: "The tree shed ___ leaves early this year."

Tick one.

☐ it's ☐ it ☐ its ☐ its'

10 Which word or phrase is the most formal?

Tick one.

☐ reckoned ☐ thought about

☐ considered ☐ mulled over

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Reading

Read the text, then answer the questions.

Ancient Greece

Non-fiction

More than 2,500 years ago, Ancient Greece was not a single country but a collection of separate city-states, each with its own government, army and customs. The two most famous were Athens and Sparta. Athens developed an early form of democracy, although only free adult male citizens could vote; women, enslaved people and foreigners were excluded. Sparta, by contrast, was famous for its tough, warlike training.

The Greeks gave the world ideas that still shape it today. Their thinkers, such as Socrates, Plato and Aristotle, asked deep questions about the world that we still study as philosophy and science. The Greeks also held the first Olympic Games and built magnificent temples, such as the Parthenon in Athens.

Greek myths told of powerful gods and goddesses, like Zeus and Athena, who were believed to live on Mount Olympus. These stories are still read and retold all over the world.

11 Ancient Greece was made up of what? Tick one.

- ☐ Separate city-states
- ☐ One large empire
- ☐ A single city
- ☐ A group of empty islands

12 What does the passage suggest was different about Sparta compared with Athens? Tick one.

- ☐ Sparta focused on tough, warlike training rather than voting
- ☐ Sparta had the same open, democratic government as Athens
- ☐ Sparta had no standing, trained army of its own
- ☐ Sparta invented the first fair, democratic system

13 What does “democracy” mean as used here? Tick one.

- ☐ A system in which citizens vote on decisions
- ☐ A system in which one king rules for life
- ☐ A system in which the army chooses the leaders
- ☐ A system in which the priests make the decisions

14 Why does the passage say the Greeks “gave the world ideas that still shape it today”? Tick one.

- ☐ Greek ideas are still used today
- ☐ The Greeks built all of today's modern cities
- ☐ Greek myths have been completely forgotten
- ☐ Greece still rules other countries

15 Tick True or False for each statement.

	True	False
Ancient Greece was a single, united country.	☐	☐
Athens is remembered for an early form of democracy.	☐	☐
Greek myths told of gods such as Zeus.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 He gave a clear _____.

17 She wore a _____ gown.

18 She made a brave _____.

19 He felt a strong _____.

20 They were _____ free apples.

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Mini SATs Paper 8

Year 6 SATs · www.tigersharkeducation.co.uk

Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 $\frac{4}{5} \times \frac{1}{2} =$

Give your answer in its simplest form.

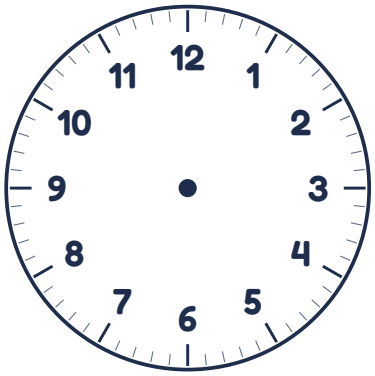
2 $3x + y = 11$

Use the equation to find y when x = 2.

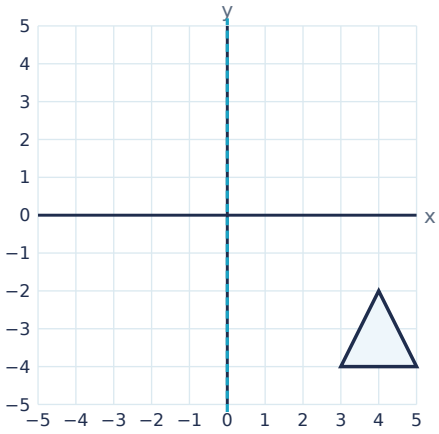
y = ____

3 Find $\frac{1}{10}$ of 60.

4 Draw the hands to show 5 minutes past 9.



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



Grammar, punctuation and spelling

6 In which sentence is "park" a verb?

Tick one.

- ☐ The park closes at dusk.
- ☐ Our park has a new climbing frame.
- ☐ We walked through the park after school.
- ☐ Park your bikes behind the shed.

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

She reads quickly and remembers everything.

8 Insert the dash at the natural break.

Our dog hates the postman and the postman knows it.

9 Add the correct punctuation mark to end the sentence.

Can you hear that noise upstairs ____

10 Which sentence is NOT written in Standard English?

Tick one.

- ☐ We began the project in May.
- ☐ He don't like mushrooms.
- ☐ We were sitting quietly at the back.
- ☐ We had eaten before the film began.

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Reading

Read the text, then answer the questions.

The Crossing-Sweeper

Fiction

Jed swept the same crossing every day, from first light until the lamps were lit. The London street was a river of mud and horse-mess, and for a coin he would clear a clean path so that fine ladies could cross without spoiling their skirts. Most days he earned only pennies, and his feet were bare.

One foggy morning a girl in a velvet coat stopped halfway across. She looked at Jed's thin jacket, then at the cold, and did something no one had done before: she unwound her own woollen scarf and held it out to him.

"You'll catch your death," she said simply, and hurried on before he could refuse.

Jed stood holding the scarf, too surprised to speak. It smelled of soap and warmth. He wound it twice around his neck and went back to his broom — but the morning, somehow, did not seem half so grey.

11 What was Jed's job? Tick one.

- ☐ Sweeping a street crossing
- ☐ Selling flowers in the street
- ☐ Driving a hired carriage
- ☐ Lighting the street lamps

12 Why did people pay Jed to sweep the crossing? Tick one.

- ☐ Because they crossed without dirtying their clothes
- ☐ Because the lamps had to be lit again each night
- ☐ Because he swept from first light until it was dark
- ☐ Because the street was full of horses and mud

13 What does the girl giving away her own scarf show about her? Tick one.

- ☐ She was kind and saw he was cold
- ☐ She wanted him to sweep rather faster
- ☐ She simply owned far too many scarves
- ☐ She was showing off her own wealth

14 The street is called “a river of mud”. What does this comparison suggest? Tick one.

- ☐ The mud was so deep and flowing it was like a river
- ☐ The mud had been washed clean by running water
- ☐ The street ran alongside a real river of its own
- ☐ The street sloped so steeply that water ran down it

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

	True	False
Jed earned a great deal of money each day.	☐	☐
Jed had bare feet.	☐	☐
A girl gave Jed her scarf.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 He is an _____ photographer.

17 His card was very _____.

18 The car stood _____.

19 Try not to _____ words.

20 Tiredness was his main _____.

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Mini SATs Paper 9

Year 6 SATs · www.tigersharkeducation.co.uk

Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 Work out 4,424 ÷ 56 using long division.

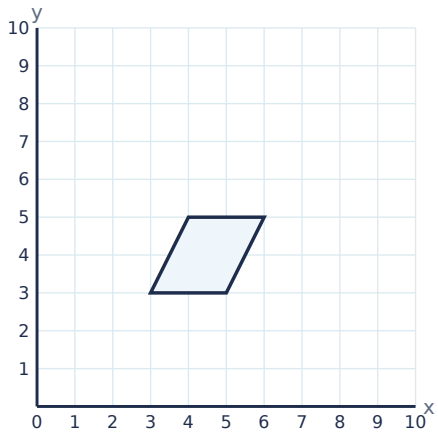
2 A stadium's season attendance is 4,000,662. This falls by 750,000. What is the new total to the nearest hundred thousand?

3 A recipe for 3 people uses 44 g of pasta. How much pasta is needed for 12 people?

4 The satnav shows 80 miles to Edinburgh. About how many kilometres is that? Use 5 miles is about 8 km.

km

5 Translate the shape 4 right and 2 up. Draw the new shape.



Grammar, punctuation and spelling

6 Circle the verb in the sentence below.

The old clock chimes at midnight.

7 What type of adverbial is "in the garden" in this sentence? The children played in the garden.

Tick one.

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

8 Insert the ellipsis at the pause.

They searched every room and found nothing.

9 Rewrite the phrase below, adding an apostrophe to show that the fence belongs to the neighbour.

the neighbours fence

_____

10 Which prefix could be added to all three words to make new words? septic · freeze · clockwise

Tick one.

- ☐ anti-
- ☐ semi-
- ☐ over-
- ☐ auto-

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Reading

Read the text, then answer the questions.

Tenzing Norgay

Biography

Tenzing Norgay grew up in the shadow of the highest mountains on Earth, the Himalayas. As a Sherpa, he came from a community famous for living and working high in the thin mountain air. From boyhood he dreamed of climbing the greatest peak of all: Mount Everest.

Reaching the top of Everest is brutally hard. The air is so thin that climbers struggle to breathe, and freezing winds and deep snow make every step a battle. Tenzing tried and failed several times, but he never gave up.

On 29 May 1953, Tenzing and a New Zealander named Edmund Hillary became the first people ever known to stand on Everest's summit. They spent only a few minutes at the top of the world before beginning the dangerous journey down.

Tenzing became a hero across the globe, proof that patience, courage and years of effort can carry a person to the very top.

11 In which year did they reach the summit? Tick one.

- ☐ 1953
- ☐ 1903
- ☐ 1999
- ☐ 1969

12 Why is breathing so hard near the top of Everest? Tick one.

- ☐ The air there is very thin
- ☐ It is far too hot
- ☐ There is too much rain
- ☐ The mountain is too loud

13 What does it tell us that Tenzing tried several times before succeeding? Tick one.

- ☐ He was determined not to give up
- ☐ He found the climbing rather easy
- ☐ He greatly disliked the mountains
- ☐ He was simply very lucky indeed

14 A “summit” is... Tick one.

- ☐ the top of a mountain
- ☐ a deep mountain valley
- ☐ a kind of climbing rope
- ☐ a camp at the foot

15 Decide whether each statement is true or false.

	True	False
Tenzing grew up near the Himalayas.	☐	☐
He reached Everest on his very first try.	☐	☐
Edmund Hillary climbed Everest with him.	☐	☐
They stayed at the summit for many hours.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 I have _____ that film before.

17 Do not _____ people.

18 She was fully _____.

19 We did a fruit _____.

20 A mouse is a _____ animal.

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Mini SATs Paper 10

Year 6 SATs · www.tigersharkeducation.co.uk

Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 Find 40% of 300.

2 One year a website had 5,840,781 visitors. The next year it had 2,499,565. How many more visitors did it have in the first year?

3 Which is smaller?

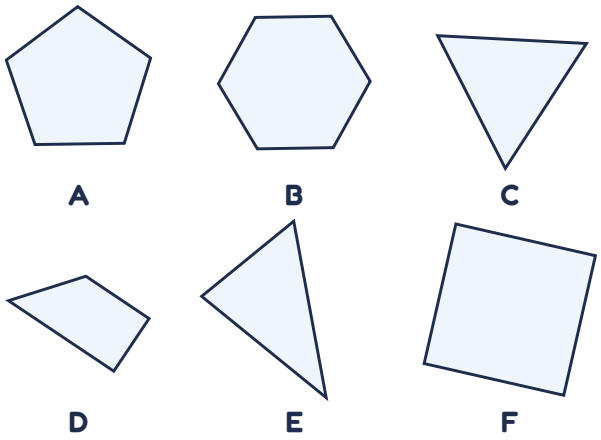
Circle the answer.

$\frac{5}{3}$ $\frac{2}{2}$

4 Convert 500 mm to m.

m

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



Grammar, punctuation and spelling

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

The scientist published her research.

7 Which relative pronoun correctly completes the sentence? The trophy ___ she won is on display.

Tick one.

☐ who ☐ when ☐ where ☐ that

8 Insert the colon in the correct place.

Two things spoiled the trip the traffic and the weather.

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

The match against Scotland is on saturday.

10 What does the prefix semi- mean in the word semiquaver?

Tick one.

☐ half ☐ self

☐ wrongly ☐ together

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Reading

Read the text, then answer the questions.

Charlie Chaplin

Biography

Long ago, before films could talk, one man made the whole world laugh without saying a single word. His name was Charlie Chaplin, and he grew up poor in London before becoming one of the most famous film stars in the world.

Chaplin's most beloved character was 'the Tramp': a little man in a bowler hat and baggy trousers, with a tiny moustache, a bendy cane and a funny waddling walk. The Tramp was always getting into trouble, tripping over things and tangling with grumpy policemen, yet he never lost his cheerful hope.

Because these films carried no recorded dialogue, Chaplin had to be funny using only his face and his body. They were not truly silent, though: cinemas supplied live music, and written cards on screen carried the occasional line. A raised eyebrow, a clumsy stumble or a quick kick could fill a cinema with giggles.

Audiences everywhere adored him, no matter what language they spoke. After all, a good laugh needs no translation at all.

11 What do we learn about the Tramp's character?

Tick one.

- ☐ He stayed hopeful despite his troubles
- ☐ He was angry with almost everyone
- ☐ He hardly moved about on screen
- ☐ He disliked the people around him

12 How could Chaplin entertain audiences who spoke different languages?

Tick one.

- ☐ His expressions and movements communicated without recorded speech
- ☐ He spoke every language used by the audience
- ☐ He explained each joke before the film began
- ☐ He relied only on songs performed in English

13 If a character is “beloved”, people...

Tick one.

- ☐ love him very much
- ☐ fear him
- ☐ forget him
- ☐ dislike him

14 If audiences “adored” Chaplin, they...

Tick one.

- ☐ loved him
- ☐ booed him
- ☐ ignored him
- ☐ copied him

15 Decide whether each statement is true or false.

	True	False
Charlie Chaplin acted in silent films.	☐	☐
The Tramp wore a bowler hat.	☐	☐
Chaplin needed spoken words to be funny.	☐	☐
Chaplin grew up wealthy in London.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 The sky darkened _____.

17 Let us _____ a plan.

18 The old boots were very _____.

19 Dinosaurs really _____ me.

20 The captain chose to _____.

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Mini SATs Paper 1

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Answers for the adult

Maths

1 mark each

1 **668,556**

2 **Yes**

3 **9⁄7 (or 1 2⁄7)**

4 **42 cm³** 7 × 2 × 3 = 42

5 **5** 20 − 15 = 5

Grammar, punctuation and spelling

6 **adjective, noun, verb**

7 **The battered leather suitcase**

8 **Late that night, we go to the park.**

9 **When does the library close?**

10 **across**

Reading

Bioluminescence

11 **To lure prey towards it**

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

13 **In total darkness, light can attract prey, find mates or warn predators**

14 **It is a wholly different world with its own rules**

15 **A remarkable or unusual fact or event seen in nature**

Spelling

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

16 **conscience** His **conscience** troubled him.

17 **artificial** These flowers are **artificial**.

18 **weight** She lifted the heavy **weight**.

19 **individual** Each **individual** got a pencil.

20 **opposite** Up is **opposite** to down.

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Mini SATs Paper 2

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Answers for the adult

Maths

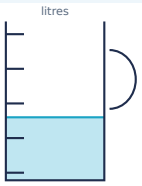
1 mark each

1 **⅝**

2 **9** 6 × 4 = 24, so □ = 24 − 15 = 9

3 **⁷⁰⁄₁₀₀**

4 **0.8 litre**



5 **30°** vertically opposite angles are equal

Grammar, punctuation and spelling

6 **I**

7 **but**

8 **Cats sleep for most of the day; dogs need constant company.**

9 **the boys' changing room**

10 **strong**

Reading

Jane Goodall

11 **A forest in Tanzania**

12 **Fish termites out of their nest**

13 **So the shy chimpanzees got used to her**

14 **The ability to wait calmly without giving up**

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

Spelling

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

16 **dialogue** The play had funny **dialogue**.

17 **accord** The teams reached an **accord**.

18 **manufacture** The factory will **manufacture** toys.

19 **sunny** It was a bright, **sunny** day.

20 **crystal** The cave had sparkling **crystal**.

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Mini SATs Paper 3

Answers for the adult

Maths

1 mark each

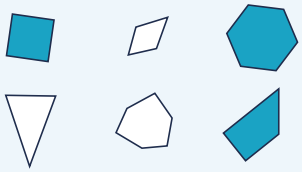
1 **0.08**

2 **29, 27** Subtract 2 each time

3 **400**

4 **19:35** 7 + 12 = 19

5 **A, C, F**



Grammar, punctuation and spelling

6 **The winning entry was ours.**

7 **He bakes the cake.**

8 **“The tide is coming in quickly,” noticed Isla.**

9 **Priya**

10 **constructed**

Reading

The Challenger

11 **He was genuinely impressed by her progress**

12 **Each move was exact, deliberate and accurate**

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

14 **She had outgrown everyone at school level**

15 **She was ambitious and not satisfied with winning**

Spelling

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

16 **weather** The **weather** was sunny all day.

17 **frightening** The storm was a little **frightening**.

18 **specifically** This is **specifically** for children.

19 **courageous** The **courageous** girl saved it.

20 **tell** Please **tell** me the time.

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Mini SATs Paper 4

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Answers for the adult

Maths

1 mark each

1 **6**

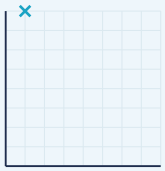
2 **£84.94** £80.60 + £14.45 − £7.30 − £2.81 = £84.94

3 **$11\frac{1}{12}$**

4 **10:39**



5 **(1, 8)**



Grammar, punctuation and spelling

6 **sensibly**

7 **place**

8 **“The tide is coming in quickly,” noticed Isla.**

9 **What a relief the results were!**

10 **trans-**

Reading

Sharks

11 **Fewer than a dozen**

12 **To emphasise how ancient and well-adapted sharks are**

13 **A chain reaction in which one change causes further changes**

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

15 **Sharks help keep prey populations balanced**

Spelling

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

16 **knob** He turned the **knob** to open the door.

17 **carry** Can you **carry** this heavy bag?

18 **redo** She had to **redo** it.

19 **disagree** We sometimes **disagree**.

20 **culture** We learned about Japanese **culture**.

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Mini SATs Paper 5

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Answers for the adult

Maths

1 mark each

1 **64** $8^2 = 8 \times 8 = 64$

2 **7** Output 1, undo ÷3 = 3, undo -4 = 7 — so 7 went in.

3 **4.844 m** 1.621 + 3.223 = 4.844 m

4 **96** 8 × 12 = 96 months

5 **98°** 180 − 35 − 47 = 98°

Grammar, punctuation and spelling

6 **before**

7 **before the ceremony ended**

8 **There was a build-up of litter around the bins.**

9 **He paid me a compliment.**

10 **opposite**

Reading

Atoms and Elements

11 **Atoms**

12 **To show how extremely small atoms are**

13 **It helps scientists predict how they act**

14 **They let electricity pass through**

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

Spelling

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

16 **location** The map showed the **location** of the treasure.

17 **texture** The bark had rough **texture**.

18 **reappear** The sun will **reappear** soon.

19 **pressure** He pressed with gentle **pressure**.

20 **descendant** She is a royal **descendant**.

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Mini SATs Paper 6

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Answers for the adult

Maths

1 mark each

1 **1/25**

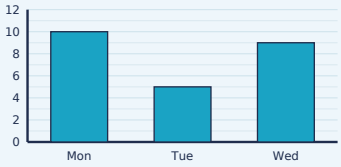
2 **47**

3 **7/10**

4 **0.1 kg**



5 **Wed = 9**



Grammar, punctuation and spelling

6 **which**

7 **although**

8 **My cousin has lived in Leeds, Bristol, Cardiff and Dundee.**

9 **weren't**

10 **dull**

Reading

Forces and Gravity

11 **A push or a pull**

12 **Gravity pulls it earthwards**

13 **The Sun's gravity**

14 **They are equal, so the object stays still or moves steadily**

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

Spelling

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

16 **toughest** That was the **toughest** puzzle.

17 **expansion** The school planned an **expansion**.

18 **plough** The farmer used a **plough**.

19 **advance** The soldiers began to **advance**.

20 **comb** He used a **comb** to tidy his hair.

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Mini SATs Paper 7

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Answers for the adult

Maths

1 mark each

1 **17/40**

2 **385** CCC=300 + LXXX=80 + V=5

3 **12**

4 **20 cm²** 4 × 5 = 20 cm²

5 **20** 60 − 80 = -20, a fall of 20

Grammar, punctuation and spelling

6 **loyalty**

7 **a beautiful mural**

8 **a old, rusty, battered bicycle**

9 **its**

10 **considered**

Reading

Ancient Greece

11 **Separate city-states**

12 **Sparta focused on tough, warlike training rather than voting**

13 **A system in which citizens vote on decisions**

14 **Greek ideas are still used today**

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

Spelling

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

16 **presentation** He gave a clear **presentation**.

17 **bridal** She wore a **bridal** gown.

18 **attempt** She made a brave **attempt**.

19 **obligation** He felt a strong **obligation**.

20 **offering** They were **offering** free apples.

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Mini SATs Paper 8

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Answers for the adult

Maths

1 mark each

1 **⅖**

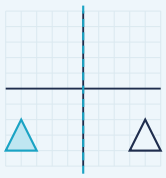
2 **y = 5** 3x = 6, so y = 11 − 6 = 5; y = 5 ÷ 1 = 5

3 **6** ¹⁄₁₀ of 60 = (60 ÷ 10) × 1 = 6

4 **9:05**



5 **(−3, −4), (−5, −4), (−4, −2)**



Grammar, punctuation and spelling

6 **Park your bikes behind the shed.**

7 **and**

8 **Our dog hates the postman — and the postman knows it.**

9 **Can you hear that noise upstairs?**

10 **He don't like mushrooms.**

Reading

The Crossing-Sweeper

11 **Sweeping a street crossing**

12 **Because they crossed without dirtying their clothes**

13 **She was kind and saw he was cold**

14 **The mud was so deep and flowing it was like a river**

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

Spelling

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

16 **amateur** He is an **amateur** photographer.

17 **thoughtful** His card was very **thoughtful**.

18 **stationary** The car stood **stationary**.

19 **misspell** Try not to **misspell** words.

20 **limitation** Tiredness was his main **limitation**.

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Mini SATs Paper 9

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Answers for the adult

Maths

1 mark each

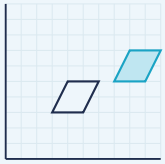
1 **79** 4,424 ÷ 56 = 79

2 **3,300,000** 4,000,662 − 750,000 = 3,250,662, rounded to 3,300,000

3 **176** 12 ÷ 3 = 4, × 44 g = 176 g

4 **128 km** 80 ÷ 5 × 8 = 128 km

5 **(7, 5), (9, 5), (10, 7), (8, 7)**



Grammar, punctuation and spelling

6 **chimes**

7 **place**

8 **They searched every room… and found nothing.**

9 **the neighbour's fence**

10 **anti-**

Reading

Tenzing Norgay

11 **1953**

12 **The air there is very thin**

13 **He was determined not to give up**

14 **the top of a mountain**

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

Spelling

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

16 **seen** I have **seen** that film before.

17 **mislead** Do not **mislead** people.

18 **conscious** She was fully **conscious**.

19 **survey** We did a fruit **survey**.

20 **small** A mouse is a **small** animal.

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Mini SATs Paper 10

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Answers for the adult

Maths

1 mark each

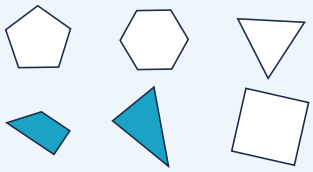
1 **120**

2 **3,341,216** 5,840,781 − 2,499,565 = 3,341,216

3 **⅔**

4 **0.5 m**

5 **D, E**



Grammar, punctuation and spelling

6 **her research**

7 **that**

8 **Two things spoiled the trip: the traffic and the weather.**

9 **Saturday**

10 **half**

Reading

Charlie Chaplin

11 **He stayed hopeful despite his troubles**

12 **His expressions and movements communicated without recorded speech**

13 **love him very much**

14 **loved him**

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

Spelling

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

16 **dramatically** The sky darkened **dramatically**.

17 **devise** Let us **devise** a plan.

18 **tough** The old boots were very **tough**.

19 **fascinate** Dinosaurs really **fascinate** me.

20 **resign** The captain chose to **resign**.

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