Mini SATs Paper 11

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 Work out 175 ÷ 4 using short division. Give your answer as a decimal.

2 35 beads are shared in the ratio 3:4. How many more are in the larger share than the smaller share?

Circle the answer.

10 5 15 35

3 £78 is shared equally between 7 people. How much does each person get, to the nearest penny?

£

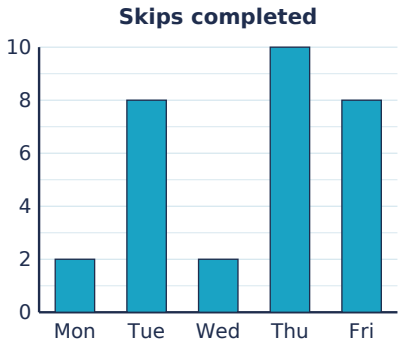
4 Work out the perimeter of the shape.



Not to scale

cm

5 The bar chart shows skips completed each day. Find the mean number of skips.



Grammar, punctuation and spelling

6 Circle the adjective in the sentence below.

The views over the countryside were glorious.

7 Which conjunction completes the sentence?
Check your work ___ you hand it in.

Tick one.

- ☐ because
- ☐ whereas
- ☐ unless
- ☐ before

8 Insert a pair of commas around the extra information.

My sister a talented artist painted this.

9 Add the correct punctuation mark to end the sentence.

How brave those firefighters were ____

10 Which word is an antonym of “feeble”?

Tick one.

- ☐ powerful
- ☐ weak
- ☐ alert
- ☐ eager

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Reading

Read the text, then answer the questions.

Robots

Non-fiction

A robot is a machine that can carry out tasks on its own, often ones that are dull, dirty or dangerous for people. The word 'robot' first appeared in a play written in 1920, and comes from a Czech word meaning hard, forced labour.

Many robots work in factories, where strong mechanical arms weld and assemble cars far more quickly and tirelessly than humans could. Others go where people cannot safely reach: deep under the sea, inside damaged buildings, or across the surface of Mars, where robot rovers have explored for years, sending pictures back to Earth.

Most robots are not at all like the walking, talking machines in films. A robot might simply be an arm, a wheeled box, or a small flying drone.

What makes a machine a robot is that it can sense the world around it and respond, following its programming to get a job done.

11 What is a robot? Tick one.

- ☐ A machine that can carry out tasks on its own
- ☐ A mechanical arm used only in factories
- ☐ A Czech word meaning hard, forced labour
- ☐ A play written in 1920 about machines

12 Why are robots often used for jobs that are “dull, dirty or dangerous”? Tick one.

- ☐ Robots can do such tasks without tiring or harm
- ☐ Robots particularly enjoy doing these jobs
- ☐ Robots are not capable of doing anything else at all
- ☐ Robots work far more slowly than people do

13 What does “tirelessly” mean in “more quickly and tirelessly than humans”? Tick one.

- ☐ Without getting tired
- ☐ Very slowly
- ☐ Only while resting
- ☐ With great difficulty

14 Why does the passage say most robots are “not at all like the walking, talking machines in films”? Tick one.

- ☐ Real robots are simple arms or boxes
- ☐ Real robots do not actually exist yet
- ☐ Every real robot is able to talk to you
- ☐ Robots are only ever found in films

15 Tick True or False for each statement.

	True	False
The word 'robot' comes from a word meaning hard labour.	☐	☐
All robots look like walking, talking people.	☐	☐
Some robots have explored the surface of Mars.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 The captain used star _____.

17 The knight held up his _____.

18 Please _____ the cheese.

19 The coin sank to the _____ of the pond.

20 Astronauts feel _____ in space.

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Mini SATs Paper 12

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 $\frac{2}{4} - \frac{2}{12} =$

2 8819 photos are put into albums holding 21 photos each. How many albums are needed?

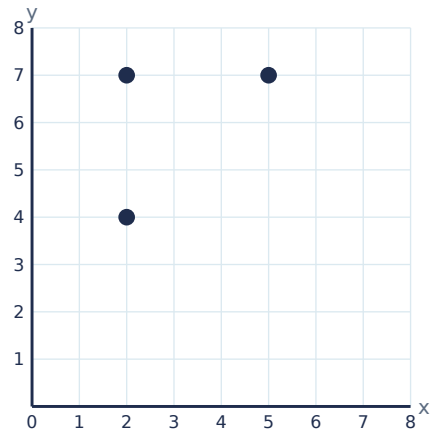
albums

3 Work out 674 ÷ 7. Give your answer to 1 decimal place.

4 A trail is 0.75 km long. How far is it walked 3 times? Give your answer in metres.

m

5 Three vertices of a rectangle are (2, 4), (2, 7) and (5, 7). Mark the fourth vertex with a cross.



Grammar, punctuation and spelling

6 Circle the conjunction in the sentence below.

She read while the kettle boiled.

7 Underline the noun phrase in the sentence below.

The narrow winding lane led to the farm.

8 Which sentence tells us Cardiff is the capital of Wales?

Tick one.

- ☐ Cardiff the capital of Wales, is by the sea.
- ☐ Cardiff the capital of Wales is by the sea.
- ☐ Cardiff, the capital of Wales, is by the sea.
- ☐ Cardiff, the capital of Wales is by the sea.

9 Add the correct punctuation mark to end the sentence.

Stars appear at night ___

10 Which word or phrase is the most formal?

Tick one.

- ☐ observed
- ☐ kept an eye on
- ☐ watched
- ☐ clocked

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Reading

Read the text, then answer the questions.

The Flooded Village

Fiction

The waterline had crept up overnight. By morning, the lane outside the Prasad family's house had become a river. Their furniture stood on bricks, the precious photographs wrapped in bin bags on the top shelf. Gran sat in the highest chair, her feet tucked beneath her, watching the brown water eddy around the table legs with an expression that was, somehow, perfectly calm.

"We've had floods before," she said, when she caught Anya staring at her. "In '53, the whole ground floor went under. We came back. We always come back."

Anya looked out at their garden, their sunken lawn, their submerged rose bushes trailing in the current.

"But what if this time—" she began.

"Then we come back again," said Gran, with finality.

11 Where had the family put their photographs?

Tick one.

- ☐ In bin bags on the top shelf
- ☐ In boxes up in the attic
- ☐ In the back of the car
- ☐ At a neighbour's house

12 What does “eddy” mean as used in this passage?

Tick one.

- ☐ Swirl in small circular movements
- ☐ Rise quickly up a surface
- ☐ Flow in one direction
- ☐ Drip slowly from a surface

13 Tick True or False for each statement.

	True	False
The water rose quietly overnight.	☐	☐
Gran had experienced a serious flood before.	☐	☐
Anya felt completely unworried about the flood.	☐	☐

14 What had happened overnight in the village?

Tick one.

- ☐ The waterline had risen and flooded the lane
- ☐ A storm had blown through and damaged houses
- ☐ A river had destroyed the bridges
- ☐ Heavy rain had caused a landslide

15 What does “crept up overnight” suggest about how the flooding happened?

Tick one.

- ☐ It happened slowly and gradually while people were unaware
- ☐ It arrived in a sudden and violent rush
- ☐ The flood had been predicted but nobody acted in time
- ☐ The water had been rising for several days

Spelling

Listen to each sentence, then write the missing word.

16 The shop made a _____.

17 I cannot find it _____.

18 We saw an art _____.

19 _____ travels around the sun.

20 The _____ was very steep.

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Mini SATs Paper 13

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 **8159 × 68 =**

2 What is the value of the digit 3 in 7,975,053?

3 $\frac{5}{10} + \frac{4}{10} =$

4 How long is it from the start time to the end time?

Start

18:55

End



5 There were 60 shells altogether. How many more were limpets than mussels?



Limpets 40%
Mussels 35%
Whelks 25%

Grammar, punctuation and spelling

6 Circle the determiner in the sentence below.

I ate an almond nut.

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

We can walk or we can cycle.

8 Insert a comma after the fronted adverbial.

Every Saturday she said goodbye.

9 Write "they are" as one word, using an apostrophe.

_____

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

	-ment	-ise	-ify	-ate
govern-	☐	☐	☐	☐
terr-	☐	☐	☐	☐
critic-	☐	☐	☐	☐
vaccin-	☐	☐	☐	☐

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Reading

Read the text, then answer the questions.

The Invisible Hand

Poetry

There's a hand you can't see that is holding you down,
that fastens your feet to the floor and the ground,
that drops the ripe apple and pulls down the rain,
and tugs the lost pencil to earth once again.

You cannot escape it. You jump — and you land.
You toss up a ball and it falls to your hand.
It hugs every mountain, it weighs down the seas,
it pulls every leaf as it falls from the trees.

Its reach is so long that it never lets go
of the moon up above or the tides down below;
it holds the great planets that circle the sun,
and pulls back to earth every leap, every run.

And what is this hand? It's a force, and its name
is gravity: silent, unseen, yet the same
strong pull keeps your feet, as you walk through the day,
from drifting like dust in the sky, far away.

11 What does the "hand you can't see" drop and pull down in the first verse? Tick one.

- ☐ The ripe apple and the rain
- ☐ The moon and the stars
- ☐ The wind and the clouds
- ☐ The trees and the hills

12 Why does the poet describe gravity as "a hand you can't see"? Tick one.

- ☐ Gravity is an unseen force pulling on us
- ☐ A giant hand really does hold us down
- ☐ Gravity is something you can touch
- ☐ Hands are what cause gravity to work

13 Why does the poet say gravity keeps your feet "from drifting like dust in the sky"? Tick one.

- ☐ Without gravity nothing would stay down
- ☐ Dust is actually made out of feet
- ☐ People slowly turn into dust
- ☐ The sky is full of floating feet

14 What does "tugs" suggest about how gravity moves the pencil? Tick one.

- ☐ It pulls it with a firm, definite pull
- ☐ It fastens it gently to the floor
- ☐ It drops it slowly like the rain
- ☐ It tosses it up into the air

15 Tick True or False for each statement.

	True	False
Gravity can be seen with your eyes.	☐	☐
Gravity makes a dropped ball fall to the ground.	☐	☐
The poem says gravity affects the moon and planets too.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 The paint is _____.

17 We _____ summer with sun.

18 She gave a _____ answer.

19 He made one small _____ in his sum.

20 Each part has a _____.

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Year 6 SATs Practice

Mini SATs Paper 14

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Name _____ Date _____ Score ___ / 20

Maths

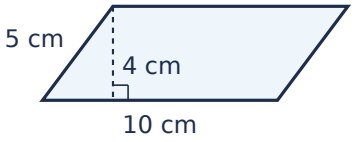
Show your working in the squares.

1 **0.5 × 5 =**

2 A water tank holds 1206 litres. 55 litres are used on Monday, 113 on Tuesday and 274 on Wednesday. How many litres are left?

3 Write the fraction equal to ¾ with a denominator of 100.

4 Work out the area of this shape.



Not to scale

_____ cm²

5 Find the missing angle on the straight line.



Not drawn accurately

_____ °

Grammar, punctuation and spelling

6 Circle the pronoun in the sentence below.

Do not accuse me unfairly.

7 Circle the modal verb in the sentence below.

I will bake the cake.

8 Insert the semicolon to join the two main clauses.

The tide comes in at dawn it goes out again by noon.

9 Choose the correct word: "The castle still has ___ original gate."

Tick one.

☐ it's ☐ its' ☐ its ☐ it

10 Which sentence is NOT written in Standard English?

Tick one.

☐ We begun the project in May.

☐ I could have helped with the tidying.

☐ We had eaten before the film began.

☐ The bell rang before we arrived.

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Reading

Read the text, then answer the questions.

The Last Time

Poetry

Today I hung my coat on peg nineteen
for the last time,
and didn't notice until I was already walking away.

Last time on the bench by the bins
where we are not supposed to sit.
Last time queueing for the tuck shop.
Last time Mrs Delaney says my whole name
in that voice, and everybody goes quiet.

Last time the bell at three fifteen
means what it has always meant.

There are six days left. Nobody says so,
but everybody knows the number.
We have started signing each other's shirts.
Tia has written LEGEND on my back
in permanent pen, spelled wrong.

Next term there will be a bigger building,
a locker, a bus, a hundred and forty new people
who have never met me.

I am not sad. I want to say that clearly.
I have been ready for ages.

It is only the peg.
Nineteen. Blue. Third from the end.
I have had it since I was seven.

11 How many days are left? Tick one.

- ☐ Six
- ☐ Three
- ☐ Nine
- ☐ Nineteen

12 What does "permanent" mean in "in permanent pen"? Tick one.

- ☐ Not able to be rubbed out
- ☐ Belonging to the school, not to you
- ☐ Very brightly coloured
- ☐ Expensive to replace

13 Why does the poet begin so many lines with "Last time"? Tick one.

- ☐ To pile up small endings one after another
- ☐ To show that the speaker has a poor memory
- ☐ To make the poem easier to rhyme
- ☐ To show that time is passing more slowly

14 The speaker says "I am not sad." What does the ending suggest? Tick one.

- ☐ That the speaker minds more than they are admitting
- ☐ That the speaker cannot wait for the bus and the locker
- ☐ That the speaker has forgotten which peg was theirs
- ☐ That the speaker did not enjoy primary school

15 Tick True or False for each statement.

	True	False
The speaker's coat peg is number nineteen.	☐	☐
Tia spelled the word on the speaker's shirt correctly.	☐	☐
The speaker says they are not ready to leave.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 The teams reached an _____.

17 The friends _____ by letter.

18 We will _____ a project.

19 The car rolled slowly _____.

20 The teacher praised our _____.

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Mini SATs Paper 15

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 **161,137 + 134,472 =**

2 The ratio of tulips to roses is 7:4. There are 49 tulips. How many roses are there?

Circle the answer.

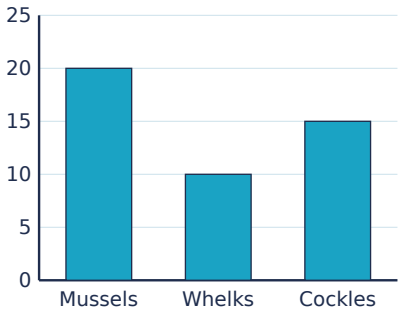
49 196 28 24

3 Write $^{14}/_{1000}$ as a decimal.

4 A 0.8 km race is split into 4 equal legs. How long is each leg? Give your answer in metres.

m

5 The bar chart shows the shells found on the beach. How many mussels and cockles were there altogether?



Grammar, punctuation and spelling

6 Which possessive pronoun refers to a single male person?

Tick one.

☐ hers ☐ theirs ☐ ours ☐ his

7 Which sentence is written in the active voice?

Tick one.

☐ The letter was written.

☐ The letter written by Priya.

☐ Priya wrote the letter.

☐ The letter was written by Priya.

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

Jonah wondered, Do you know the way home?

9 Add the correct punctuation mark to end the sentence.

How far is it to the summit ___

10 Which prefix could be added to all three words to make new words? circle · final · detached

Tick one.

☐ auto- ☐ anti- ☐ over- ☐ semi-

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Reading

Read the text, then answer the questions.

The Mystery Smell

Fiction

By Wednesday, Class 6B had a mystery on its hands — or rather, up its nose. Somewhere in the classroom, something smelled. Not terrible. Not wonderful. Just... present. A small, determined smell that followed you around the room like a loyal but unpleasant pet.

We investigated like proper detectives. We checked the bin (innocent). We checked Liam's trainers (a strong suspect, but cleared). We checked the class hamster, who looked deeply offended. We checked the cupboard, the coat pegs, and behind the radiator, where —

"Found it," said Ronan, holding something at arm's length with two fingers and an expression of pure horror.

It was a cheese sandwich. Or it had been, once, long ago, in a happier time. According to the label, it had been made in September. It was now June.

Mrs Akhtar opened every window. We held a small, respectful funeral for the sandwich by the bins. Nobody has packed cheese since.

11 When had the sandwich been made, according to the label? Tick one.

- ☐ September
- ☐ June
- ☐ Last week
- ☐ That morning

12 Why does the writer describe the smell as “a loyal but unpleasant pet” that “followed you around”? Tick one.

- ☐ The smell was everywhere and inescapable
- ☐ A real live dog was in the room
- ☐ The smell was actually rather lovely
- ☐ The smell only appeared at lunchtime

13 Why did the class hamster look “deeply offended”? Tick one.

- ☐ It had been checked by the children, as if to blame
- ☐ It had eaten somebody's sandwich in the night
- ☐ It had wanted to be entered in the pet show
- ☐ It had escaped from its cage during the lesson

14 What is “a strong suspect”? Tick one.

- ☐ Someone or something thought very likely to be the cause
- ☐ Someone or something already proved to be the cause
- ☐ A smell so powerful that it can be noticed at a distance
- ☐ A person whose job is to work out what has happened

15 Tick True or False for each statement.

	True	False
The class investigated the smell like detectives.	☐	☐
The smell came from a brand-new sandwich.	☐	☐
The sandwich was found behind the radiator.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 The pound is British _____.

17 The friends had a _____.

18 _____ the door is locked.

19 _____ the button to start.

20 They will _____ a sink.

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Mini SATs Paper 16

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 **8159 + 6896 =**

2 Shells are packed into a cube stack with 3 shells along each edge (3 by 3 by 3). How many shells are there in total?

3 Which is smaller?

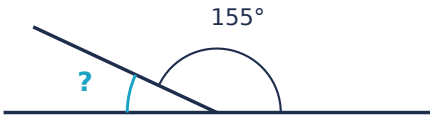
Circle the answer.

$\frac{2}{10}$ $\frac{3}{5}$

4 Two scarves are 269 cm and 163 cm long. What is their total length? Give your answer in metres.

metres

5 Find the missing angle on the straight line.



Not drawn accurately

°

Grammar, punctuation and spelling

6 Circle the adverb in the sentence below.

He carefully carried the full glass.

7 What type of adverbial is “with great care” in this sentence? He lifted the fossil with great care.

Tick one.

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

8 Insert the hyphen to join the compound word.

absent minded

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

The ferry sails from Dover every thursday.

10 What does the prefix un- mean in the word untidy?

Tick one.

- ☐ not
- ☐ remove
- ☐ less than
- ☐ half

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Reading

Read the text, then answer the questions.

The Champion

Fiction

On the starting blocks, Jade could hear nothing but her own heartbeat. The stadium full of noise — the crowd, the announcer, the shuffle of feet — had shrunk to a single, distant hum. She had trained for this moment for three years. Three years of early mornings, aching muscles, and missed birthday parties.

The starter's pistol cracked. Jade moved before she had consciously decided to, her body responding to years of practice rather than thought. She flew down the track.

11 How long had Jade been training for this moment?

Tick one.

- ☐ Three years
- ☐ Two years
- ☐ Four years
- ☐ One year

12 What does the phrase “her body responding to years of practice rather than thought” suggest?

Tick one.

- ☐ She was moving on trained instinct
- ☐ She was not thinking clearly
- ☐ She had forgotten her technique
- ☐ She was acting recklessly

13 What does “she had trained for this moment for three years” add to our understanding of what follows?

Tick one.

- ☐ What happens next is earned by years of effort
- ☐ The race matters more than any other in her career
- ☐ Jade has no natural talent and relies on hard work
- ☐ The other competitors have not trained as hard

14 What does “starting blocks” refer to?

Tick one.

- ☐ The fixed platforms athletes push off from at the beginning of a sprint race
- ☐ The marked lanes that keep each runner in their own part of the track
- ☐ The raised area beside the track where athletes wait and warm up before racing
- ☐ The wooden markers placed along the track to show the distance run

15 Tick True or False for each statement.

	True	False
The crowd's noise became a distant hum to Jade.	☐	☐
Jade had trained for three years.	☐	☐
Jade had to think consciously about every movement when the race began.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 The test was _____ easy.

17 _____ others, he loves peas.

18 She was _____ a prize.

19 Mum runs a baking _____.

20 The player has great _____.

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Mini SATs Paper 17

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 **797 × 7 =**

2 A shape's side is enlarged from 3 cm to 15 cm. What is the scale factor?

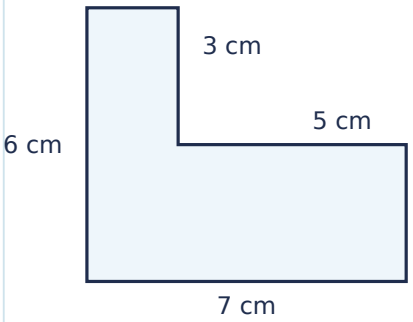
Circle the answer.

3 15 5 12

3 A rod is 2.614 m long. How long are 2 rods placed end to end? Give your answer in metres.

m

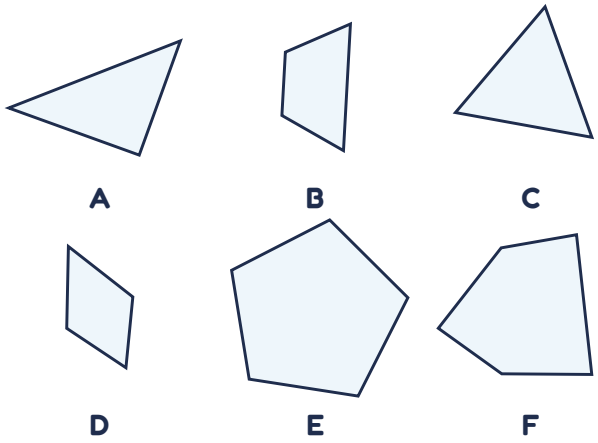
4 Work out the area of this compound shape.



Not to scale

cm²

5 Circle the letters of all the pentagons (shapes with 5 sides).



Grammar, punctuation and spelling

6 Circle the preposition in the sentence below.

Please accept this gift with a smile.

7 Which of these subordinating conjunctions shows time ?

Tick one.

☐ after ☐ and ☐ but ☐ yet

8 Insert one comma in the correct place.

The recipe uses butter sugar and eggs.

9 Add the correct punctuation mark to end the sentence.

What a clever solution she found ____

10 Which word is an antonym of “bumpy”?

Tick one.

☐ uneven ☐ smooth ☐ sore ☐ low

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Reading

Read the text, then answer the questions.

The Cartographer

Fiction

They gave Milo the oldest task in the school: to draw a map. Not of a country or a city, but of the school itself. He was to be its cartographer. "Include everything that matters," his teacher had said.

He started with the buildings, the gates, the playing fields. But as he walked the grounds, notebook in hand, he began to add other things: the spot beneath the oak tree where Patience sat when she was sad; the drain cover where, last year, Hamid had found a trapped sparrow and freed it; the painted hopscotch grid that the Year 3s had made and that nobody had washed away.

When he handed in the map, his teacher was quiet for a long time.

"This is a map of stories," she said.

"I know," said Milo. "I couldn't work out how to leave them out."

11 What was Milo asked to draw a map of?

Tick one.

- ☐ The school itself
- ☐ A country or city
- ☐ The local town
- ☐ A fictional land

12 What does the teacher's long silence suggest?

Tick one.

- ☐ She is surprised and moved by what Milo has included
- ☐ She is disappointed he has not followed instructions
- ☐ She is confused about the detail
- ☐ She is checking the map for accuracy

13 What does "cartographer" mean based on the context?

Tick one.

- ☐ Someone who makes maps
- ☐ Someone who tells stories
- ☐ Someone who draws buildings
- ☐ A geography teacher

14 Tick True or False for each statement.

	True	False
Milo only drew the physical buildings and grounds.	☐	☐
The hopscotch grid had been removed before Milo began.	☐	☐
Milo's teacher described his map as a map of stories.	☐	☐

15 What does "the oldest task in the school" suggest about map-making?

Tick one.

- ☐ It was a long tradition used to test each generation
- ☐ The school had used the same map of the area for many years
- ☐ Milo was the oldest student in the school
- ☐ The task was considered too difficult for younger students

Spelling

Listen to each sentence, then write the missing word.

16 Please _____ to the story.

17 Share the sweets _____.

18 The fly was a _____.

19 Our voices made an _____.

20 The cat slept _____ its basket.

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Mini SATs Paper 18

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Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 Work out 2,352 ÷ 6 using short division.

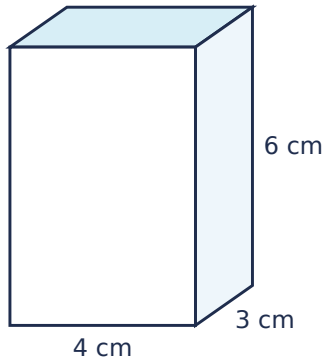
2 Which year is written as MDCCCIX?

3 What is 9/20 as a percentage?

Circle the answer.

5% 45% 40% 50%

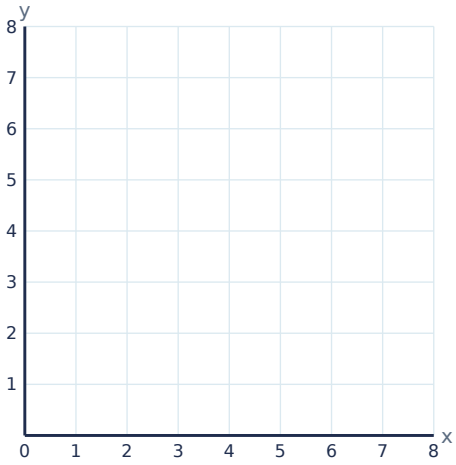
4 Work out the volume of this cuboid.



Not to scale

_____ cm³

5 Mark the point (2, 0) with a cross.



Grammar, punctuation and spelling

6 Circle the relative pronoun in the sentence below.

The girl who sat next to me has moved away.

7 Which conjunction completes the sentence? ___ the alarm sounded, everyone left the building.

Tick one.

- ☐ When
- ☐ Whereas
- ☐ Unless
- ☐ Though

8 Insert commas to separate the adjectives.

a long hot tiring climb

9 Add the correct punctuation mark to end the sentence.

She wrote a vivid description ___

10 Which word or phrase is the most formal?

Tick one.

- ☐ received
- ☐ got
- ☐ picked up
- ☐ grabbed

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Reading

Read the text, then answer the questions.

Volcano

Poetry

For a hundred years it slept,
a green and ordinary mountain —
goats on its slopes, a village at its feet.

But deep below,
in the dark rooms under the rock,
the Earth itself was melting,
and pressure pushed at the stone like a held breath.

Then one grey morning the mountain spoke.
It cracked. It roared.
A river of fire came pouring down,
orange and unstoppable,
and the sky filled up with ash
that fell like snow on the ruined fields.

People remember it with fear.
But the old farmers know a secret:
when the ash has cooled and the years have passed,
the soil it leaves is the richest in the land,
and everything grows.

The mountain destroys.
The mountain gives.

11 How long had the mountain “slept”? Tick one.

- ☐ A hundred years
- ☐ A thousand years
- ☐ Ten years
- ☐ One winter

12 Why does the poet say “the mountain spoke” when it cracked and roared? Tick one.

- ☐ It roared as though the mountain spoke
- ☐ The mountain could really talk aloud
- ☐ A person was shouting on the mountain
- ☐ The villagers below were singing

13 What do the last two lines, “The mountain destroys. The mountain gives.”, mean? Tick one.

- ☐ A volcano is dangerous but also gives life
- ☐ The mountain keeps changing its shape
- ☐ The mountain is really a living creature
- ☐ Volcanoes only ever bring gifts to people

14 The poem describes “a river of fire” pouring down. What is this? Tick one.

- ☐ Molten rock, or lava
- ☐ The pressure held beneath the stone
- ☐ The grey ash cloud above the village
- ☐ The mountain's own loud voice

15 Tick True or False for each statement.

	True	False
The mountain had been quiet for a long time before it erupted.	☐	☐
Volcanic ash ruins the soil for ever.	☐	☐
A river of fire poured down the mountain.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 He thanked us _____.

17 I did not _____ him.

18 She gave the baby a _____.

19 The old socks were _____.

20 She solved the problem _____.

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Tiger Shark
Year 6 SATs Practice

Mini SATs Paper 19

Year 6 SATs · www.tigersharkeducation.co.uk

Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

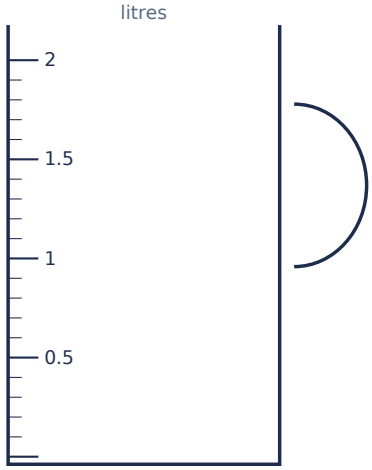
1 **5212 × 8 =**

2 A florist has 85 flowers and shares them equally into 5 vases. She then adds 5 more to each vase. How many flowers are in each vase now?

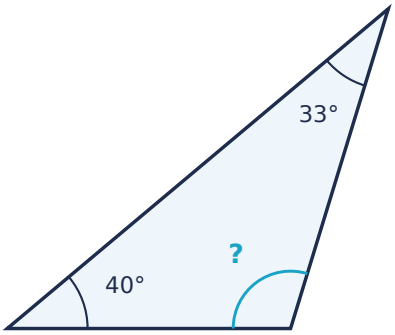
3 What is ¾ as a percentage?

%

4 Shade the jug to show 200 ml.



5 Find the missing angle in the triangle.



Not drawn accurately

°

Grammar, punctuation and spelling

6 Circle the two nouns in the sentence below.

Rain darkened the pavement.

7 Which option is an expanded noun phrase?

Tick one.

- ☐ swam quickly
- ☐ it was blue
- ☐ the enormous blue whale
- ☐ the whale swam

8 Insert the dash at the natural break.

The house was silent too silent.

9 Write “let us” as one word, using an apostrophe.

_____

10 Which sentence is NOT written in Standard English?

Tick one.

- ☐ We was going on a school trip.
- ☐ They have gone to the park.
- ☐ They ran faster than we did.
- ☐ He threw the ball over the fence.

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Reading

Read the text, then answer the questions.

Life Cycles

Non-fiction

Every living thing goes through a life cycle: it is born, it grows, it produces young of its own, and in time it dies, while its young begin the cycle all over again.

Not all life cycles look the same. Many animals, such as cats and humans, are born as small versions of their parents and simply grow bigger. Others change completely as they grow, in a process called metamorphosis. A frog begins life as an egg, hatches into a tadpole with a tail and gills, and slowly grows legs and lungs until it becomes an adult frog. A butterfly is even more dramatic: egg, then caterpillar, then a still chrysalis, before finally emerging with wings.

Plants have life cycles too. A seed sprouts and grows into a plant, which produces flowers; the flowers make new seeds, and those seeds can grow into new plants.

In this way, life keeps renewing itself, generation after generation.

11 What does a frog hatch into before becoming an adult? Tick one.

- ☐ A tadpole
- ☐ A caterpillar
- ☐ A chrysalis
- ☐ An adult frog straight away

12 Why does the passage say “life keeps renewing itself, generation after generation”? Tick one.

- ☐ Each living thing produces young that do the same
- ☐ Living things in a cycle do not ever die
- ☐ Nothing about a living thing ever really changes at all
- ☐ Only plants are able to reproduce themselves

13 What does “sprouts” mean in “A seed sprouts and grows”? Tick one.

- ☐ Begins to grow
- ☐ Dies away
- ☐ Flies off
- ☐ Turns into an animal

14 Why does the passage describe the butterfly's life cycle as “even more dramatic”? Tick one.

- ☐ It changes through very different stages
- ☐ It does not change at all as it grows
- ☐ It skips the growing-up stage entirely
- ☐ It stays inside the egg for ever

15 Tick True or False for each statement.

	True	False
A butterfly's life cycle includes a caterpillar stage.	☐	☐
All animals are born looking like small versions of their parents.	☐	☐
Plants have life cycles as well as animals.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 Do not _____ the oven.

17 He began to _____.

18 We did a _____ experiment.

19 _____ the wire here.

20 We _____ eat at six.

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Mini SATs Paper 20

Year 6 SATs · www.tigersharkeducation.co.uk

Name _____ Date _____ Score ___ / 20

Maths

Show your working in the squares.

1 $\frac{2}{3} \times 5 =$

2 142 baguettes are shared equally among 20 people. How many baguettes does each person get? Give your answer as a mixed number.

baguettes

3 Find $\frac{1}{6}$ of 48.

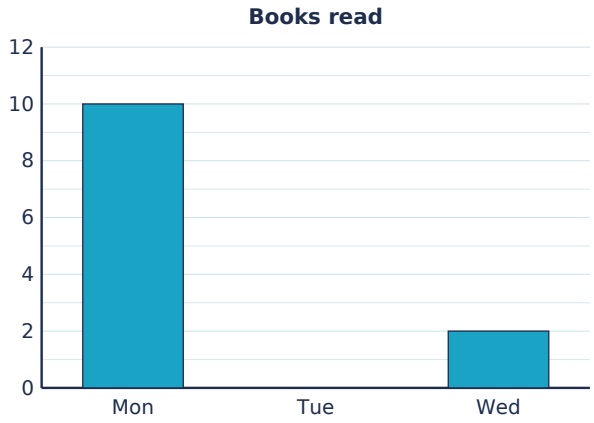
4 The clock shows a time in the afternoon. Write it as a 24-hour time.



afternoon

24-hour

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



Grammar, punctuation and spelling

6 In which sentence is "light" a noun?

Tick one.

- ☐ Please light the candles before the guests arrive.
- ☐ They light the beacon every New Year.
- ☐ Light the fire once the wood is dry.
- ☐ The light from the window was fading.

7 Which sentence uses a coordinating conjunction?

Tick one.

- ☐ I kept going, because I was determined.
- ☐ Although I was tired, I kept going.
- ☐ I was tired, but I kept going.
- ☐ I kept going until I was done.

8 Insert the ellipsis at the pause.

The door creaked open revealing nothing at all.

9 Choose the correct word: "___ time we tidied the shed."

Tick one.

- ☐ its
- ☐ it's
- ☐ its'
- ☐ it

10 Which prefix could be added to all three words to make new words? kind · fair · usual

Tick one.

- ☐ un-
- ☐ in-
- ☐ im-
- ☐ co-

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Reading

Read the text, then answer the questions.

The Solar System

Non-fiction

The Solar System is our neighbourhood in space. At its centre sits the Sun, an enormous star, and circling around it are eight planets, held in place by the Sun's powerful gravity.

The four planets closest to the Sun — Mercury, Venus, Earth and Mars — are small and rocky. Beyond them lie the four giant planets — Jupiter, Saturn, Uranus and Neptune — which are far larger and made mostly of gas and ice. Saturn is famous for its beautiful rings of ice and rock.

Between Mars and Jupiter lies a wide band of tumbling rocks called the asteroid belt. Further out still race comets, balls of ice and dust that grow glowing tails when they come near the Sun.

You may have been taught that Pluto is a planet. Today scientists call it a dwarf planet. It is round and orbits the Sun, but it has not cleared other objects from the neighbourhood of its orbit.

11 What holds the planets circling around the Sun? Tick one.

- ☐ The Sun's gravity
- ☐ The asteroid belt
- ☐ Saturn's rings
- ☐ The comets

12 Why is Pluto classified as a dwarf planet? Tick one.

- ☐ It has not cleared other objects from the neighbourhood of its orbit
- ☐ It does not travel around the Sun at all
- ☐ It is the only round object in the asteroid belt
- ☐ It produces more light and heat than the Sun

13 What does “enormous” mean? Tick one.

- ☐ Extremely large
- ☐ Very tiny
- ☐ Brightly coloured
- ☐ Very cold

14 What does “tumbling” mean, describing the asteroids? Tick one.

- ☐ Rolling over and over
- ☐ Standing perfectly still
- ☐ Glowing very brightly
- ☐ Melting slowly away

15 Tick True or False for each statement.

	True	False
The Sun is at the centre of the Solar System.	☐	☐
All eight planets are small and rocky.	☐	☐
The asteroid belt lies between Mars and Jupiter.	☐	☐

Spelling

Listen to each sentence, then write the missing word.

16 We pushed the shopping _____.

17 A library is an _____.

18 The _____ cooked dinner.

19 Please _____ me to the hall.

20 We had a _____ day.

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Mini SATs Paper 11

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Answers for the adult

Maths

1 mark each

1 **43.75** 175 ÷ 4 = 43.75

2 **5** 35 ÷ 7 = 5, 5 × 1 = 5

3 **£11.14** £78 ÷ 7 = £11.14 (nearest penny)

4 **28 cm** 2 × (9 + 5) = 28 cm

5 **6** 2 + 8 + 2 + 10 + 8 = 30; ÷ 5 = 6

Grammar, punctuation and spelling

6 **glorious**

7 **before**

8 **My sister, a talented artist, painted this.**

9 **How brave those firefighters were!**

10 **powerful**

Reading

Robots

11 **A machine that can carry out tasks on its own**

12 **Robots can do such tasks without tiring or harm**

13 **Without getting tired**

14 **Real robots are simple arms or boxes**

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

Spelling

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

16 **navigation** The captain used star **navigation**.

17 **shield** The knight held up his **shield**.

18 **grate** Please **grate** the cheese.

19 **bottom** The coin sank to the **bottom** of the pond.

20 **weightless** Astronauts feel **weightless** in space.

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Mini SATs Paper 12

Year 6 SATs · www.tigersharkeducation.co.uk

Answers for the adult

Maths

1 mark each

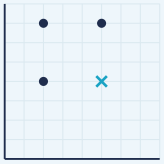
1 **4/12**

2 **420 albums** 8819 ÷ 21 = 419 r 20, so 420

3 **96.3** 674 ÷ 7 = 96.286... ≈ 96.3 (1 d.p.)

4 **2250 m** 0.75 × 3 = 2.25 km = 2250 m

5 **(5, 4)**



Grammar, punctuation and spelling

6 **while**

7 **The narrow winding lane**

8 **Cardiff, the capital of Wales, is by the sea.**

9 **Stars appear at night.**

10 **observed**

Reading

The Flooded Village

11 **In bin bags on the top shelf**

12 **Swirl in small circular movements**

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

14 **The waterline had risen and flooded the lane**

15 **It happened slowly and gradually while people were unaware**

Spelling

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

16 **profit** The shop made a **profit**.

17 **anywhere** I cannot find it **anywhere**.

18 **exhibition** We saw an art **exhibition**.

19 **earth** **Earth** travels around the sun.

20 **ascent** The **ascent** was very steep.

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Mini SATs Paper 13

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Answers for the adult

Maths

1 mark each

1 **554,812**

2 **3**

3 **⁹⁄₁₀**

4 **1 hour 45 min**

5 **3** 40% of 60 = 24, 35% = 21; difference 3

Grammar, punctuation and spelling

6 **an**

7 **or**

8 **Every Saturday, she said goodbye.**

9 **they're**

10 **government, terrify, criticise, vaccinate**

Reading

The Invisible Hand

11 **The ripe apple and the rain**

12 **Gravity is an unseen force pulling on us**

13 **Without gravity nothing would stay down**

14 **It pulls it with a firm, definite pull**

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

Spelling

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

16 **washable** The paint is **washable**.

17 **associate** We **associate** summer with sun.

18 **sensible** She gave a **sensible** answer.

19 **error** He made one small **error** in his sum.

20 **subheading** Each part has a **subheading**.

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Mini SATs Paper 14

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Answers for the adult

Maths

1 mark each

1 **2.5**

2 **764** 1206 − 55 − 113 − 274 = 764

3 **$\frac{75}{100}$**

4 **40 cm²** 10 × 4 = 40 cm²

5 **160°** 180 − 20 = 160°

Grammar, punctuation and spelling

6 **me**

7 **will**

8 **The tide comes in at dawn; it goes out again by noon.**

9 **its**

10 **We begun the project in May.**

Reading

The Last Time

11 **Six**

12 **Not able to be rubbed out**

13 **To pile up small endings one after another**

14 **That the speaker minds more than they are admitting**

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

Spelling

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

16 **agreement** The teams reached an **agreement**.

17 **correspond** The friends **correspond** by letter.

18 **undertake** We will **undertake** a project.

19 **forwards** The car rolled slowly **forwards**.

20 **toleration** The teacher praised our **toleration**.

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Mini SATs Paper 15

Year 6 SATs · www.tigersharkeducation.co.uk

Answers for the adult

Maths

1 mark each

1 **295,609**

2 **28** 49 ÷ 7 = 7, 7 × 4 = 28

3 **0.014**

4 **200 m** 0.8 ÷ 4 = 0.2 km = 200 m

5 **35** Mussels + Cockles = 20 + 15 = 35

Grammar, punctuation and spelling

6 **his**

7 **Priya wrote the letter.**

8 **Jonah wondered, "Do you know the way home?"**

9 **How far is it to the summit?**

10 **semi-**

Reading

The Mystery Smell

11 **September**

12 **The smell was everywhere and inescapable**

13 **It had been checked by the children, as if to blame**

14 **Someone or something thought very likely to be the cause**

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

Spelling

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

16 **currency** The pound is British **currency**.

17 **disagreement** The friends had a **disagreement**.

18 **ensure** **Ensure** the door is locked.

19 **press** **Press** the button to start.

20 **install** They will **install** a sink.

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Mini SATs Paper 16

Year 6 SATs · www.tigersharkeducation.co.uk

Answers for the adult

Maths

1 mark each

1 **15,055**

2 **27** 3 × 3 × 3 = 27 (a cube number)

3 **⅔₀**

4 **4.32 metres** 269 + 163 = 432 cm = 4.32 metres

5 **25°** 180 − 155 = 25°

Grammar, punctuation and spelling

6 **carefully**

7 **manner**

8 **absent-minded**

9 **Thursday**

10 **not**

Reading

The Champion

11 **Three years**

12 **She was moving on trained instinct**

13 **What happens next is earned by years of effort**

14 **The fixed platforms athletes push off from at the beginning of a sprint race**

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

Spelling

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

16 **relatively** The test was **relatively** easy.

17 **unlike** **Unlike** others, he loves peas.

18 **receiving** She was **receiving** a prize.

19 **business** Mum runs a baking **business**.

20 **potential** The player has great **potential**.

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Mini SATs Paper 17

Year 6 SATs · www.tigersharkeducation.co.uk

Answers for the adult

Maths

1 mark each

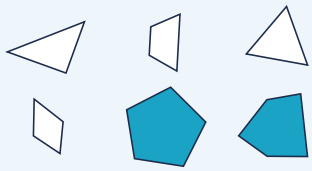
1 **5,579**

2 **5** 15 ÷ 3 = 5

3 **5.228 m** 2 × 2.614 = 5.228 m

4 **27 cm²** 7 × 6 − 5 × 3 = 42 − 15 = 27

5 **E, F**



Grammar, punctuation and spelling

6 **with**

7 **after**

8 **The recipe uses butter, sugar and eggs.**

9 **What a clever solution she found!**

10 **smooth**

Reading

The Cartographer

11 **The school itself**

12 **She is surprised and moved by what Milo has included**

13 **Someone who makes maps**

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

15 **It was a long tradition used to test each generation**

Spelling

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

16 **listen** Please **listen** to the story.

17 **equally** Share the sweets **equally**.

18 **nuisance** The fly was a **nuisance**.

19 **echo** Our voices made an **echo**.

20 **in** The cat slept **in** its basket.

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Mini SATs Paper 18

Year 6 SATs · www.tigersharkeducation.co.uk

Answers for the adult

Maths

1 mark each

1 **392** 2,352 ÷ 6 = 392

2 **1809** M=1000 + DCCC=800 + IX=9

3 **45%**

4 **72 cm³** 4 × 3 × 6 = 72

5 **(2, 0)**



Grammar, punctuation and spelling

6 **who**

7 **When**

8 **a long, hot, tiring climb**

9 **She wrote a vivid description.**

10 **received**

Reading

Volcano

11 **A hundred years**

12 **It roared as though the mountain spoke**

13 **A volcano is dangerous but also gives life**

14 **Molten rock, or lava**

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

Spelling

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

16 **sincerely** He thanked us **sincerely**.

17 **recognise** I did not **recognise** him.

18 **kiss** She gave the baby a **kiss**.

19 **smelly** The old socks were **smelly**.

20 **effectively** She solved the problem **effectively**.

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Mini SATs Paper 19

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Answers for the adult

Maths

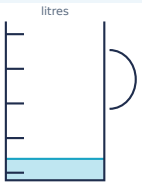
1 mark each

1 **41,696**

2 **22** 85 ÷ 5 = 17, then 17 + 5 = 22

3 **75%**

4 **0.2 litre**



5 **107°** 180 − 40 − 33 = 107°

Grammar, punctuation and spelling

6 **Rain, pavement**

7 **the enormous blue whale**

8 **The house was silent — too silent.**

9 **let's**

10 **We was going on a school trip.**

Reading

Life Cycles

11 **A tadpole**

12 **Each living thing produces young that do the same**

13 **Begins to grow**

14 **It changes through very different stages**

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

Spelling

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

16 **touch** Do not **touch** the oven.

17 **struggle** He began to **struggle**.

18 **science** We did a **science** experiment.

19 **connect** **Connect** the wire here.

20 **typically** We **typically** eat at six.

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Answers for the adult

Maths

1 mark each

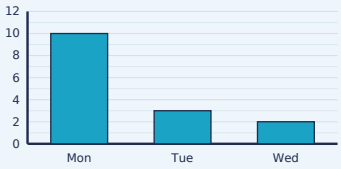
1 **10/3**

2 **7 1/10 baguettes** 142 ÷ 20 = 7 r 2; 2/20 = 1/10

3 **8** 1/6 of 48 = (48 ÷ 6) × 1 = 8

4 **12:20** 12 + 12 = 12

5 **Tue = 3**



Grammar, punctuation and spelling

6 **The light from the window was fading.**

7 **I was tired, but I kept going.**

8 **The door creaked open… revealing nothing at all.**

9 **it's**

10 **un-**

Reading

The Solar System

11 **The Sun's gravity**

12 **It has not cleared other objects from the neighbourhood of its orbit**

13 **Extremely large**

14 **Rolling over and over**

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

Spelling

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

16 **trolley** We pushed the shopping **trolley**.

17 **institution** A library is an **institution**.

18 **chef** The **chef** cooked dinner.

19 **follow** Please **follow** me to the hall.

20 **glorious** We had a **glorious** day.

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