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**ENTRANCE ASSESSMENT**

**Practice Paper 10**

*'Practice makes Progress'*

# English - Main Test

In this exercise there are some mistakes with **punctuation** or use of **capital letters**. On each numbered line there is either **one** mistake or **no** mistake. Find the group of words with the mistake in it and **mark its letter on your answer sheet**. If there is no mistake, mark **N**.

## Punctuation Exercise

1 It's my best friends birthday party this Saturday, and we are going to go crazy golfing before having a sleepover.

A B C D N

2 "We're going to be in big trouble when mum and dad get home!" shouted Ezra as he surveyed the damage to the car.

A B C D N

3 "Today is an incredibly sad day for the human race." exclaimed the reporter.

A B C D N

4 Human Teeth are the only part of the body which cannot heal themselves.

A B C D N

5 Last summer I travelled through Europe and visited France, Germany, Poland, Italy and Greece.

A B C D N



In this exercise there are some **spelling** mistakes. On each numbered line there is either **one** mistake or **no** mistake. Find the group of words with the mistake in it and **mark its letter on your answer sheet**. If there is no mistake, mark **N**.

## Spelling Exercise

11 Emily and Juliette went to their gymnastics class at the <sup>leisure</sup>liesure centre.  
A B C D N

12 The <sup>principal</sup>principle of the primary school applied to get a new school building constructed this year.  
A B C D N

13 The police officer spent time <sup>assessing</sup>asessing the situation before he responded appropriately.  
A B C D N

14 Both Matty and Tom <sup>received</sup>recieved a gold medal for coming first in a global diving competition.  
A B C D N

15 The human heart pumps up to five <sup>litres</sup>liters of blood around the body every day.  
A B C D N

Read the **whole** passage carefully, then answer the questions that follow.

## Rage

1. There is a jolt, throwing me forward into my seatbelt.
2. The car has stopped.
3. Wading my way back to consciousness through several layers of sleep.
4. I hear Dad's excited voice: 'That's it, that shape in the distance.
5. Do you see it?'
6. I lean forward. Beside me, Struan rubs his eyes and does the same.
  
7. Still in a daze, I take it all in:
8. the wind, the leaden skies, the churning moody sea. The ferry, loaded high
9. with supplies and building equipment, Dad shaking hands with his new
10. team, the grey pier and the greyer waves...
11. And, far in the distance, a misty outline.
12. Skelsay.
13. Wilderness haven. Building-site. Luxury-retreat-to-be.
14. And now, home.
15. 'Aha,' exclaims Mum, pointing to a small group of people standing around
16. in high-visibility raincoats on the deck of the ferry. 'There they are!'
17. Struan stretches and runs his fingers through his ginger mop of hair.
  
18. 'Who?'
19. 'Dad's workforce and their families. Come on, let's do this kids!'
20. She pulls her coat around her neck more closely, leans back to unclip Izzy
21. from her car seat, and wriggles out with my baby sister clutched to her hip.
22. Struan and I follow.
  
23. 'Will Snarl be all right in the car, Mum?' my little brother wants to know. 'Of
24. course he will; he's a hamster. He's been perfectly fine in his cage for all
25. these hours, and a couple more won't bother him.'

26. We make our way past Dad who is patting a pot-bellied man on the back  
27. and laughing.  
28. 'Let's get on the boat, and you can have your packed lunch, right? It'll take  
29. them a while to load all our containers and to get the cars and diggers on.  
30. It'll be a tight squeeze.'

31. Even while she is speaking, Mum drinks in the view: the wide skies, the  
32. windborne bird-shapes in the distance, winging across the waves which  
33. come crashing in like clockwork. I can tell she is framing in her mind; she's  
34. a natural artist; it's the way her mind works. Watching her makes me see  
35. the splendour of it, too, and I breathe a little deeper. With every step across  
36. the narrow walkway towards the boat, my excitement grows. We're going,  
37. we're finally going.

38. It's only for a year – maybe two at the most if there are problems with the  
39. construction. Either way, all my friends are still going to be there when I  
40. get back. And it is cool, living on an uninhabited island. Hang on; it's  
41. probably not uninhabited anymore, now that all of us are going to be there,  
42. is it? Oh, I don't know...

An extract from 'Wilderness Wars' by Barbara Henderson

Please answer these questions. (Look at the passage again if you need to.) You should choose the **best** answer and mark its letter on your answer sheet.

- 16** Look at lines 1-14.  
**What are the family doing?**
- A Going on holiday.
  - B Visiting a potential new house down the road.
  - C Relocating for Dad's job.**
  - D Going with dad to work.
  - E Taking a relaxing boat journey.
- 17** Look at lines 9-19  
**Which of the following best describes the job of the narrator's father?**
- A Construction team manager**
  - B Electrician
  - C Digger driver
  - D Plasterer
  - E Plumber
- 18** **What is the name of the place that the family are travelling to?**
- A Wilderness Haven
  - B Skelsay**
  - C Snarl
  - D Struan
  - E Ellis Island
- 19** **On which of the two sets of lines are there words that rhyme?**
- A 24 & 26
  - B 16 & 19
  - C 30 & 37
  - D 26 & 28
  - E 20 & 21**

20 Based on your reading of text, how does the narrator of the story feel about their journey and the new adventure they are about to embark on?

- A Nervous
- B Excited**
- C Upset
- D Happy
- E Angry

21 At the beginning of the story, what is the narrator doing?

- A Sleeping in the car**
- B Standing on the deck of the ferry
- C Playing with the family hamster
- D Annoying his little brother
- E Taking in the view

22 How long are the family moving away for?

- A One year
- B Forever
- C Two years at least
- D Six months
- E One year, or two at the most**

For these questions you have to **write your answers**, neatly, in the boxes provided on your answer sheet.

23 Look carefully at lines 1-12, which phrase of six words means the same as 'slowly waking up'?

*Wading my way back to consciousness*

24 What do you think is meant by the phrase, 'Mum drinks in the view'?

*She is taking everything in /  
enjoying the view*

25 What word in the text means 'not lived in'?

Uninhabited

26 What three adjectives are used in lines 7-10 to describe the sea and the waves?

Churning moody greyer

27 How do we know that Izzy is a young child? Use evidence from the passage to support your answer.

She is in a car seat

Author calls her 'my baby sister'

28 'With every step across the narrow walkway towards the boat, my excitement grows. We're going, we're finally going.'

What does this tell us about how the narrator is feeling about moving?

He/She is feeling excited

# Maths - Main Test

29

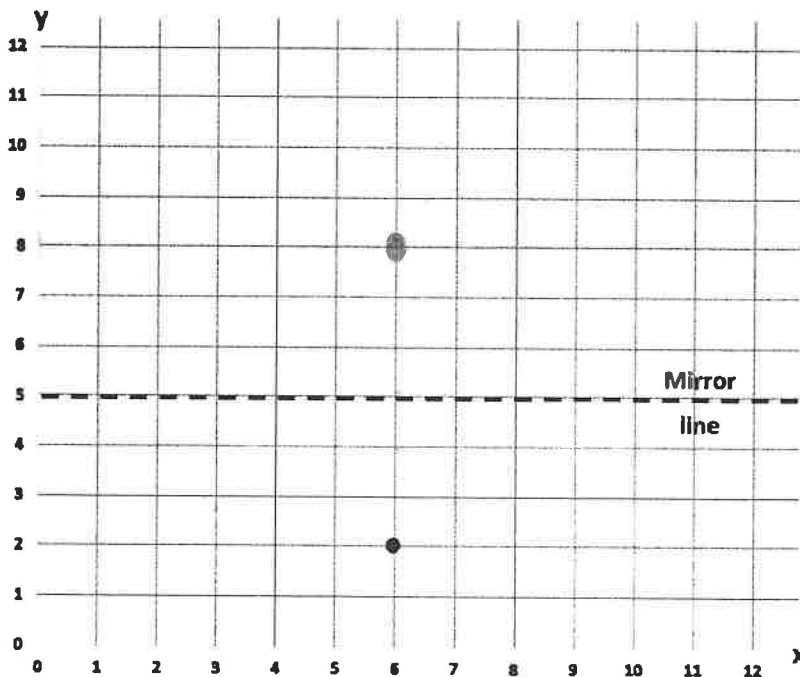
A candle measures 27 cm when it is brand new. Once the candle has been lit, it will melt down by 1.5 cm every 15 minutes.

How long will it take for the candle to melt down completely?

- A 3 hours 45 minutes
- B 2 hours
- C 1 hour 30 minutes
- D 18 minutes
- E 4 hours 30 minutes

$$\begin{array}{r} 1.5 \\ \times 2.4 \\ \hline 6.0 \end{array} \text{ cm per hour. } \times 4 = 24.$$

30



A mirror line is drawn on the coordinate grid below.  
A dot is drawn on the coordinate (6,2).

What is the coordinate of the dot when reflected in the mirror line?

- A (6,11)
- B (6,8)
- C (6,6)
- D (6,12)
- E (6,9)

31

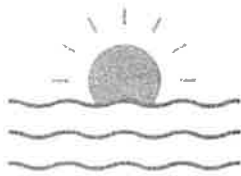
Fraser is collecting football cards with his friends. One pack of cards contains 9 individual cards. He bulk buys a box of cards on the internet and the box contains 36 packs of cards for £15.00.

How many cards will he have once his order arrives?

- A 135 cards
- B 264 cards
- C 324 cards**
- D 285 cards
- E 315 cards

$$\begin{array}{r} 36 \\ \times 9 \\ \hline 324 \end{array}$$

32



As winter transitions to spring, the sun begins to set later in the day.

On the 1<sup>st</sup> of February, the sun sets at 16:35 and will set 9 minutes later every week from this date.

At what time will the sun set in 8 weeks time?

- A 17:02
- B 16:47
- C 16:53
- D 17:56
- E 17:47**

33

Amelia is simplifying a fraction as shown below.

$$\frac{48}{120} \longrightarrow \frac{24}{60}$$

If she continues to simplify the fraction to its lowest possible terms, what will the final fraction be?

- A 2/5**
- B 6/15
- C 12/30
- D 2/10
- E 4/10

34

Cooper needs to save for a new bicycle, and he has come up with a new savings plan. Starting in January, he is going to follow the savings plan below...

- Week 1 = £1
- Week 2 = £2
- Week 3 = £3

*X 2 B 4 B B 7 B 9 10 11 12*

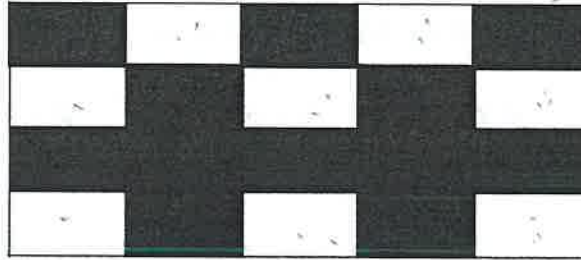
Following this saving pattern, how much money will he have saved in total by the time he reaches week 12?

- A £53
- B £78**
- C £36
- D £62
- E £40

$$\begin{array}{r} 20 \\ 20 \\ 20 \\ 10 \\ 8 \\ \hline 78 \end{array}$$

35

Moria picks tiles for her new kitchen backsplash with the pattern below.



$$\frac{8}{20} = \frac{2}{5}$$

What percentage of the backsplash is not shaded?

A 20%

B 80%

C 60%

D 40%

E 10%

36

A multi-storey car park charges customers £1.75 per hour for the first 5 hours and then charges £2.00 for every hour after that.

**Important:** If a customer stays even 1 minute past the hour, they must pay the full hourly fee.

The following table shows the length of time spent in the car park by 4 different customers.

Car	Duration of stay
Vehicle 1	4.5 hours
Vehicle 2	3 hours
Vehicle 3	1.5 hours
Vehicle 4	7 hours

How much money did the car park make from these four customers?

A £38.00

B £25.25

C £29.25

D £32.50

E £30.25

37

Look at the list of decimal numbers.

3.14, 3.01, 30.53, 0.35, 31.32, 3.135 & 0.39

If these numbers were to be organised in ascending order, what number would be the last number in the sequence?

A 31.32

B 3.01

C 30.53

D 0.39

E 3.01

2.30  
x 12

38

Karen replaces the head on her electric toothbrush every month. She usually spends £2.30 per replacement head. On an online marketplace, she can sign up to 1-year subscription for £1.85 per month.

How much money will Karen save over a 12-month period?

- A £4.60    B £7.60    **C £5.40**    D £12    E £22.20

39

James and Jenifer went to their local delicatessen to purchase: one packet of crackers, 250g cheese, hummus and a jar of olives for their Sunday night cheese board. The total prices of the items they wanted are shown below.

- Cheese costs £2.40 per 100g
- Crackers cost £1.98 per packet
- Hummus costs £3.20 per tub
- A jar of olives cost £0.80 per jar

2.30  
+ 1.98  
+ 3.20  
+ 0.80  
-----  
8.28

On the day they went to the shop, there was a 15% discount on hummus.

What is the final cost of the items they purchased?

- A £11.83    B £7.85    C £11.03    **D £11.50**    E £10.65

32  
+ 16  
-----  
48

40

How many vertices does a cylinder have?

- A 2    **B 0**    C 4    D 3    E 6

41

In January, 750 patients were due to see the doctor at the community hospital. Out of the 750 patients, only 600 kept their appointment.

What percentage of patients did not come to see the doctor?

- A 10%    B 15%    C 80%    D 75%    **E 20%**

$$\frac{600}{750} = \frac{60}{75}$$

28 + 31

42

Today's date is 15<sup>th</sup> February and it not a leap year.  
 Alan buys a bar of chocolate in the corner shop, and it has an expiration date of 2<sup>nd</sup> April 2023. Alan must eat the bar before its expiration date.

How many days does Alan have to eat the chocolate bar?

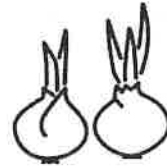
- A 46      B 39      C 40      D 35      E 43

43

Mary buys a packet of tulip bulbs from her local garden centre. The bulbs all look identical in the packet. The packet contains 20 bulbs and will produce:

- 2 White tulips
- 8 Pink tulips
- 6 Purple tulips
- 4 Yellow tulips

$\frac{8}{20}$



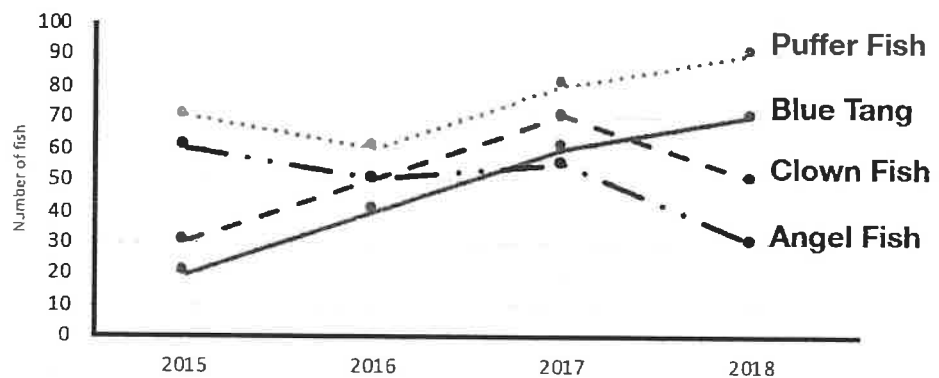
If she only plants 3 bulbs now, what is the probability that they are all pink?

- A Certain      B Likely      C Even      D Unlikely      E Impossible

44

Examine the graph below carefully.

The graph shows the number of different types of fish in a small aquarium tank over a 4 year period.



Which of the four species of fish experienced the greatest population increase in the four-year period between 2015-2018?

- A Clown Fish      B Puffer Fish      C Blue Tang      D Angel Fish      E None

**45** Sasha follows a number sequence to write 6 numbers. She uses the sequence, **Subtract 2.5 from the previous number and multiply by 2.**

The first number she writes is 8 and the third number is 17.

**What will be the fifth number in the sequence?**

- A 58    **B 53**    C 11    D 29    E 34

**46** Due to several road accidents, a new set of traffic lights have been installed at a junction where two roads meet.

**What type of lines are both roads?**



- A Perpendicular    B Horizontal    C Parallel    D Horizontal    **E Intersecting**

**47** Anna wins £1362 for coming 1<sup>st</sup> in a roller-skating competition. The organisers of the competition decide to round the money she receives to the nearest hundred.

**How much money does Anna actually win?**

- A £1350    B £1462    **C £1400**    D £1300    E £1360

**48** **How many lines of symmetry do a parallelogram and a kite have in total?**  
Use the images below to help you work out the answer.



**A 1**

B 2

C 3

D 4

E 6

49

A group of scouts are completing their orienteering badge. They start at the Scout Centre and walk 2km North. They then walk 4km East and finally 2km South.

**How far East are the group from the Scout centre?**

A 5km

B 4km

C 8km

D 10km

E 16km

50

Hannah is competing in a national trampoline championship. When she steps on the trampoline, she is facing Northeast. She completes a half turn clockwise with a somersault in which she moves through 2 quarter turns. **what direction is she facing now?**

A Northwest

B Southeast

C Southwest

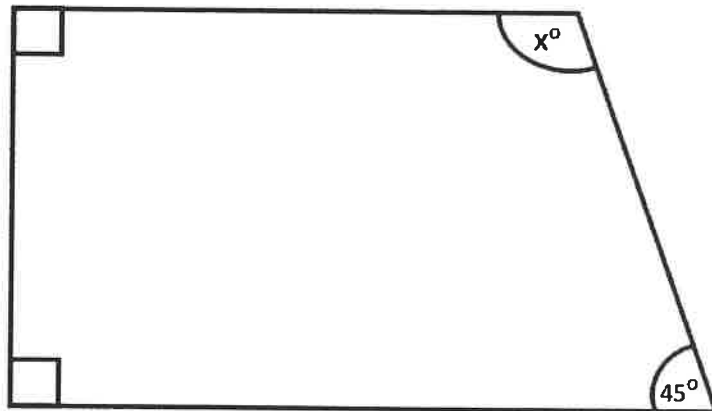
D South

E East

*For questions 51-56, you have to write your answers in the boxes provided on your answer sheet.*

51

**What is the value of the missing angle on the shape below?**



$$\begin{array}{r} 180 \\ + 45 \\ \hline 225 \end{array}$$

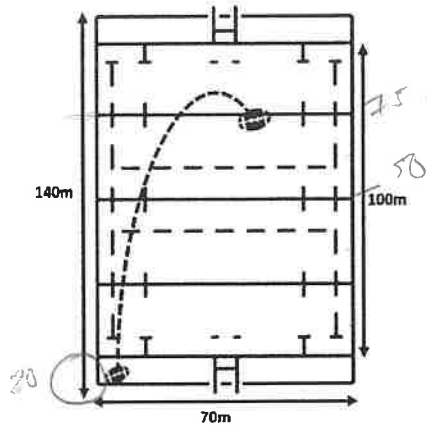
$$\begin{array}{r} 360 \\ - 225 \\ \hline 135 \end{array}$$

135°

52

Ireland was playing Italy on Saturday in the Six Nations. In the pre-match warm-up, one of the players kicked the ball from the bottom left-hand corner of the pitch to the lines as shown below.

Through how many metres has the ball travelled up the pitch?



$$\begin{array}{r} 75 \\ 20 \\ \hline 95 \text{ m} \end{array}$$

53

Simon sets up a self-watering system for the plant in his living room while he is on holiday. He fills the reservoir with 1.75L of water before he leaves. When he returns from holiday, he checks the level of water in the reservoir. He observes that there is only 0.63L remaining.

How many millilitres did the plant consume?

1120ml

$$\begin{array}{r} 1.75 \\ 0.63 \\ \hline 1.12 \text{ L} = 1120 \text{ ml} \end{array}$$

54

Daniel is learning to drive a car. This costs him £25 for a 30-minute lesson. To complete the practical part of his test, it costs £60. Over the 6 months, it takes for him to learn to drive, he spends £285 in total on lessons and the driving test which he passes on his first attempt.

How many lessons did Daniel take before passing his driving test?

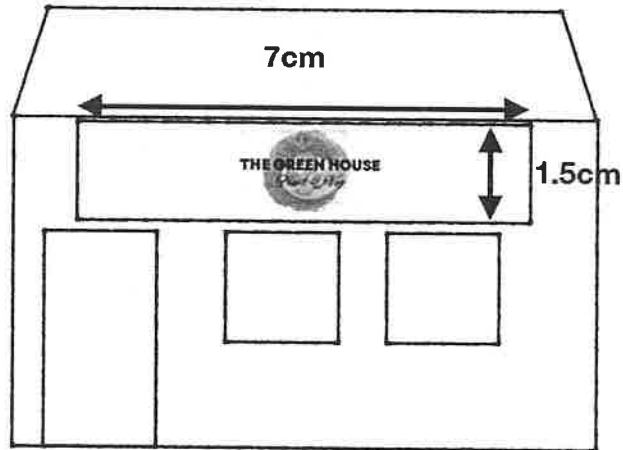
$$\begin{array}{l} 285 - 60 = 225 \\ 25 \times 4 = 100 \end{array} \quad \left. \vphantom{\begin{array}{l} 285 - 60 = 225 \\ 25 \times 4 = 100 \end{array}} \right) = 9 \text{ lessons}$$

55

A greengrocer has ordered a new sign for the front of his shop. The plans for the new sign are sent to him by the designer. On the design, every 1cm = 2m.

What is the area of the new sign?

$$\begin{array}{r} 14 \\ \times 3 \\ \hline 42 \end{array} \text{ m}^2$$



56

Brendan is building an outdoor kitchen to enjoy with his family this summer. He orders all his building supplies, and their weights are listed below.

- A pallet of bricks weighs 5.6kg
- 1 bag of cement weight 2250g
- 1 bag of sand weights 1.42kg
- 1 bag of plaster weights 980g

$$\begin{array}{r} 5600 \\ 4500 \\ 1420 \\ \hline 12960 \\ 13480 \end{array} \text{ g}$$

What is the combined weight of all his building supplies if he needs 1 pallet of bricks, 2 bags of cement, 1 bag of sand and 2 bags of plaster?

Give your answer in kilograms.

$$= 13.48 \text{ kg}$$

$$\begin{array}{r} 2250 \\ 2250 \\ \hline 4500 \end{array}$$

$$\begin{array}{r} 980 \\ 980 \\ \hline 1960 \end{array}$$



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Main body of handwritten text, consisting of several lines of cursive script. The text is very faint and difficult to decipher.

Continuation of handwritten text in the lower middle section of the page. The script remains consistent with the upper section.

Final section of handwritten text at the bottom of the page, possibly a signature or a concluding note.