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Ms A

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ENTRANCE ASSESSMENT

Practice Paper 7

'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 "We're going on holiday to America this summer!" our parents announced
to us excitedly.
A B C D N

2 Jacob bought a new liverpool kit with all the money he received from his
family for his birthday.
A B C D N

3 The thief stole Mr Smith's golf clubs, keys and watch from the changing room.
A B C D N

4 As the sun peeked up from the horizon, daylight spread across the land.
It was a new day.
A B C D N

5 David asked his brothers, "Who ate all of the donuts I bought this morning!"
A B C D N

In this exercise you have to choose the **best** word, or **group of words**, to complete each numbered line so that the passage makes sense and is written in correct English. Choose the best answer and **mark its letter on your answer sheet**.

Grammar Exercise

6 Ice-cold water began to

flush	lap	drown	clear	engulf
-------	-----	-------	-------	--------

A B C D E
the deck on the bow of the ship as it continued to flood.

7 When I went snorkelling, I

saw	observe	seen	see	witness
-----	---------	------	-----	---------

A B C D E
numerous species of exotic fish.

8 I

find	discovered	detect	unearth	locate
------	------------	--------	---------	--------

 a prehistoric
A B C D E
fossil when I was digging in my garden last weekend.

9 The sound of the explosion

echoed	yelped	wailed	resume	rang
--------	--------	--------	--------	------

A B C D E
throughout the town for several minutes after the detonation.

10 Gordon and Edna decided

to move	to relocate	to sell	to rearrange
---------	-------------	---------	--------------

A B C D

to exchange

 their sizeable house in the hopes of finding something smaller.
E

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 *Separate*
Sadie forgot to separate the egg yolks from the egg whites when she was baking a meringue.
A B C
D / N
- 12
He forgot to put the hospital appointment into his calender and as a result, he missed the appointment.
A B C
D / N
- 13 *absences*
The teacher was shocked when he received the list of absenses in his class.
A B C D / N
- 14 *collar*
Andy accidentally broke his collerbone while performing a kickflip on his skateboard.
A B C
D / N
- 15 *Parallel*
The newly constructed railway line ran paraalel to the busy motorway.
A B C D / N

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

Tiger Skin Rug

1. My cricket coach said I was tall for my age, but the first time I stood in front
2. of our new house, I felt as small as a wicket stump. If I'd known then what
3. was inside the house, I would have felt even smaller. As it was, a wicket
4. stump was miserable enough.

5. We'd just arrived in Scotland, tumbling out of the big red car after sixteen
6. sweaty hours on aeroplanes all the way from India. Me – Lal Patel – my
7. little brother Dilip, Mum and my grandmother, Naniji.

8. My father had picked us up from the airport. He looked paler than normal,
9. but he was the same burly Baba. Bouncing like a rubber ball. He'd gone
10. ahead of us to sort things out, like buying a big red car and finding a house
11. to live in.

12. "I've found the perfect place," he announced as he buckled his seatbelt.

13. "First class."

14. I was sure it would be one of the slick city apartments that mum had spent
15. hours and hours admiring on property websites. But as we drove from the
16. airport, roads getting narrower and quieter, Baba broke the news.

17. The house wasn't an apartment, and it wasn't in the city.

18. "Don't worry," he said, "you'll love it – it's a bungalow in a nice, little town."

19. Nobody spoke. Not an apartment? Not in the city? Naniji rolled her eyes.

20. It was no secret that in Naniji's opinion, Baba was a buffoon. The marriage

21. wasn't a good match, she always complained; Mum was better than him

22. in every way. I cringed – Naniji didn't think Baba could be trusted to choose

23. which movie to watch on a Friday night and now he'd chosen the wrong

24. place to live.

25. "And guess what?" he blundered on. "There's a whole acre of garden and
26. the house comes fully furnished."
27. "An acre?" shrieked Mum, whose idea of gardening was growing cress in
28. cotton wool. "Fully furnished?"
29. "Yes!" Baba punched the steering wheel. "The house belonged to an
30. elderly spinster who died without anyone to give things to. So, everything
31. inside was included in the sale. It's a bargain!"

32. Naniji groaned. Undeterred, Baba grinned round to me and Dilip.
33. "And there are some superior items in the house, my boys, very superior
34. indeed. It's like a museum."
35. I smiled weakly as if agreeing that, on some planet, a museum was the
36. perfect place to live in.

'Tiger Skin Rug' by Joan Haig

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 'I felt *as small as a wicket stump*', is an example of which kind of literary device?

- A Personification
- B Alliteration
- C Metaphor
- D Simile**
- E Onomatopoeia

17 What country were the family travelling from?

- A Scotland
- B India**
- C The United Kingdom
- D A museum
- E The airport

18 Which word located between lines 5-9 suggests that Baba is a strong man?

- A burly**
- B big
- C bouncing
- D paler
- E sweaty

19 In Naniji's opinion, what basic task could Baba not even be trusted to do?

- A Pick a decent house to live in.
- B Choose the correct type of car.
- C Provide for his family.
- D Cook a meal for his family.
- E Choose a movie to watch on Friday nights.**

20 In the passage, what is the new house likened to living in?

- A Another planet
- B A bungalow
- C A museum
- D An apartment
- E A city

21 Following the mum's reaction to Baba's news about the new house, how does Baba respond?

- A He remained silent.
- B He punched the steering wheel.
- C He rolled his eyes.
- D He shouted at them.
- E He cringed.

22 Baba describes the house as 'first class' and the contents of the house as 'superior'. These are examples of which word class?

- A Compound word
- B Abstract noun
- C Adjective
- D Adverb
- E Verb

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

23 Which phrase of ten words indicates that Lal Patel's mum is not a keen gardener, and the size of the garden would have been overwhelming for her?

Whose idea of gardening was growing cress in cotton wool.

24 'I smiled weakly as if agreeing that, on some planet, a museum was the perfect place to live in.'

Based on your understanding of this sentence, how do you think Lal Patel actually feels about the new house?

Unsure about the new house.
Nervous / anxious / unsure / disappointed.

- 25 Why did Baba travel ahead of his family?
To organise a house and car for the family.
- 26 Why was the family's new house full of possessions?
Everything inside the house was included in the sale.
The elderly spinster died without anyone to give it to.
- 27 What do you think Baba was trying to show Naniji by travelling to Scotland ahead of the rest of the family?
That he was responsible and could be trusted to provide for the family.
That he wasn't a buffoon / He was capable.
- 28 You'll (Line 18) is used in the passage. This is a contraction. What is a contraction for 'will not'?
won't

Maths - Main Test

29 Which of the following numbers when rounded to the nearest 100 gives the answer 3400?

A 3345

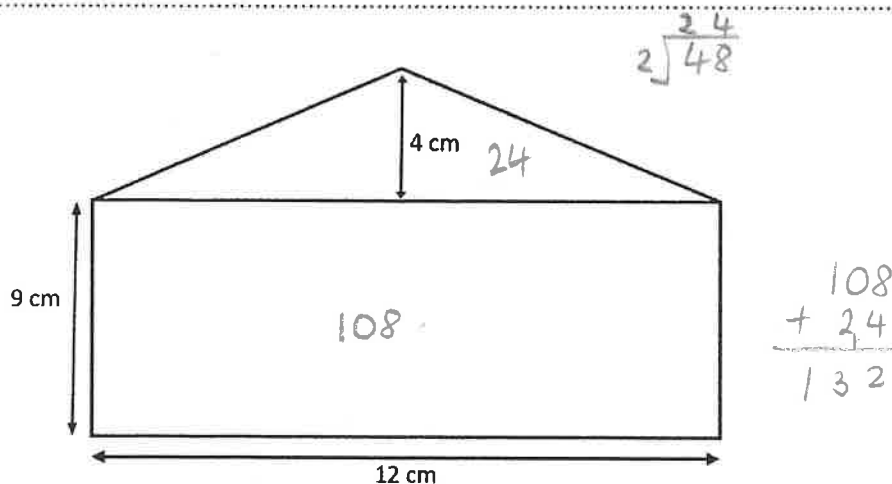
B 3452

C 3354

D 3480

E 3290

30



Using the above measurements, work out the area of the full shape above.

A 132cm²

B 108cm²

C 78cm²

D 46cm²

E 112cm²

31

Which of the following numbers is a Prime Number?

A 12

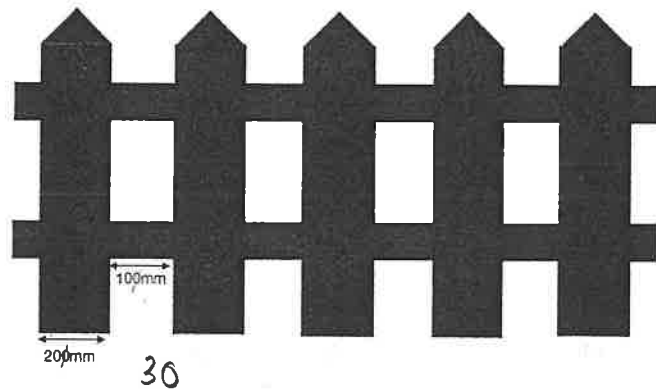
B 21

C 36

D 29

E 44

- 32 Mrs Angus is having a new fence constructed along the side of her driveway. Her driveway is 6 metres long. The diagram below shows how the fence is being built.



The boards are 200mm with a space of 100mm in between. How many fence boards are needed to complete the project?

- A 30 B 20 C 18 D 25 E 32

- 33 What is the answer when the fraction $\frac{8}{72}$ is simplified to its lowest possible form?

- A $\frac{4}{36}$ B $\frac{6}{27}$ C $\frac{2}{18}$ D $\frac{7}{63}$ E $\frac{1}{9}$

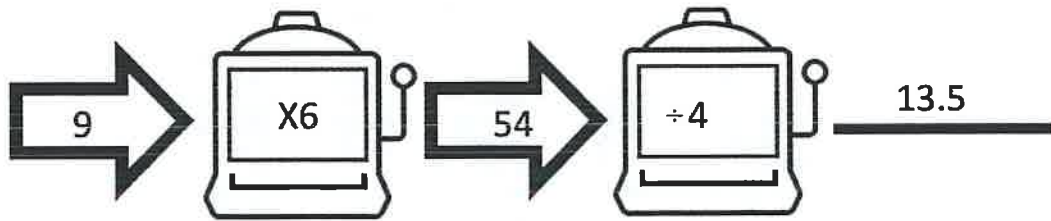
- 34 Read the following statements. Only one is correct. Which one is correct?

- A There are 1000cm in 1 metre. ✗
B 10mm is the same as 100cm. ✗
C There are 1000m in 1 kilometre. ✓
D 1.5m is the same as 1500cm.
E There are 100ml in 1 litre.

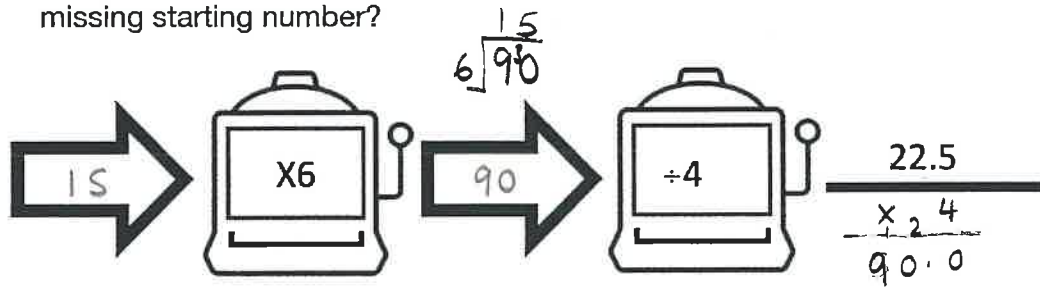
35

Look at the function machine below.

In this example, the number 9 is entered, multiplied by 6 to get 54 and then divided by 4 to get a final answer of 13.5



The next function machine has the same two functions; however, the start and middle numbers are missing. The end number has been provided. What is the missing starting number?



A 16

B 33.75

C 22

D 15

E 13

36

Ethan is training for a cycling race later this year.

On Saturday, he goes for a cycle and completes 4.5 miles each hour.

How many miles has he covered if he cycles for 6 hours?

A 24 miles

B 27 miles

C 22 miles

D 18 miles

E 32 miles

$$\begin{array}{r} 4.5 \\ \times 6 \\ \hline 27.0 \end{array}$$

37 The following table shows the money raised for a charity by 6 different children during a sponsored run.

Name	Amount Raised
Bobby	£174.00
Amelia	£195.00
Tyler	£230.00
Mollie	£205.00
Emma	£150.00
Neville	£192.00

What is the mean amount of money raised by the children for the sponsored run?

- A £80 B £1146 C £425 D £205 E £191

38 What is the name given to the 3-D shape which has the following features?

5 Faces

9 Edges

6 Vertices

- A Triangular Prism
 B Cuboid
 C Square-based Pyramid
 D Cube
 E Pentagonal Prism

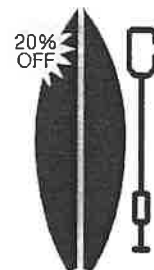


39 John bought a new paddleboard which was reduced by 20% in the sale. The paddleboard was priced at £353.80 before the discount was applied.

What is the new price of the board?

$$353.80 \times 0.8 = 283.04$$

$$\begin{array}{r} 353.80 \\ - 70.76 \\ \hline 283.04 \end{array}$$



- A £70.76 B £265.35 C £283.04 D £318.43 E £191.46

5.2

40

One of the following decimal numbers is larger than $5\frac{1}{2}$ and smaller than $5\frac{1}{4}$.

5.25

Mark the correct letter on your answer sheet.

A 5.25

B 5.22

C 5.025

D 5.20

E 5.125

41

Nadia buys a 2kg bag of flour in order to do some baking.

She uses 225g to make shortbread.

She then bakes two batches of pancakes and uses 95g for each batch.

$$\begin{array}{r} 95 \\ \times 2 \\ \hline 190 \end{array}$$

$$\begin{array}{r} 225 \\ + 190 \\ \hline 415 \end{array}$$

How much flour remains in the bag?

A 1585g

B 1.680kg

C 320g

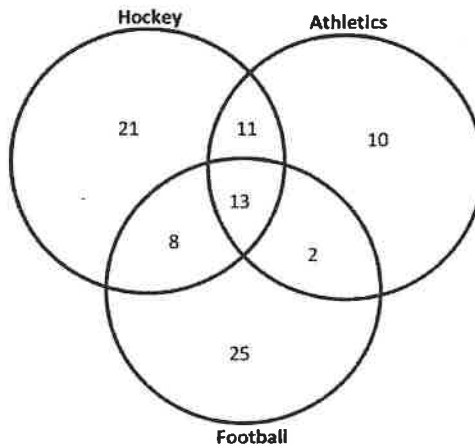
D 1.5kg

E 2320g

$$\begin{array}{r} 12000 \\ - 415 \\ \hline 11585 \end{array}$$

42

The following Venn diagram shows the sports clubs attended by 90 children in P7 during the week.



How many children attended all three sports clubs?

A 8

B 11

C 56

D 24

E 13

43

It is -4°C in Iceland and it is 6 degrees warmer in Newry.

What is the temperature in Newry?

- A -10°C B -2°C C 2°C D 3°C E 10°C

44

Emily goes to the toy shop and she buys:

- 2 fidget toys for $\text{£}1.25$ each 2.50
- A colouring book for $\text{£}2.28$
- A pack of felt-tip pens for $\text{£}3.15$

$$\begin{array}{r} 2.50 \\ 2.28 \\ 3.15 \\ \hline 7.93 \end{array}$$

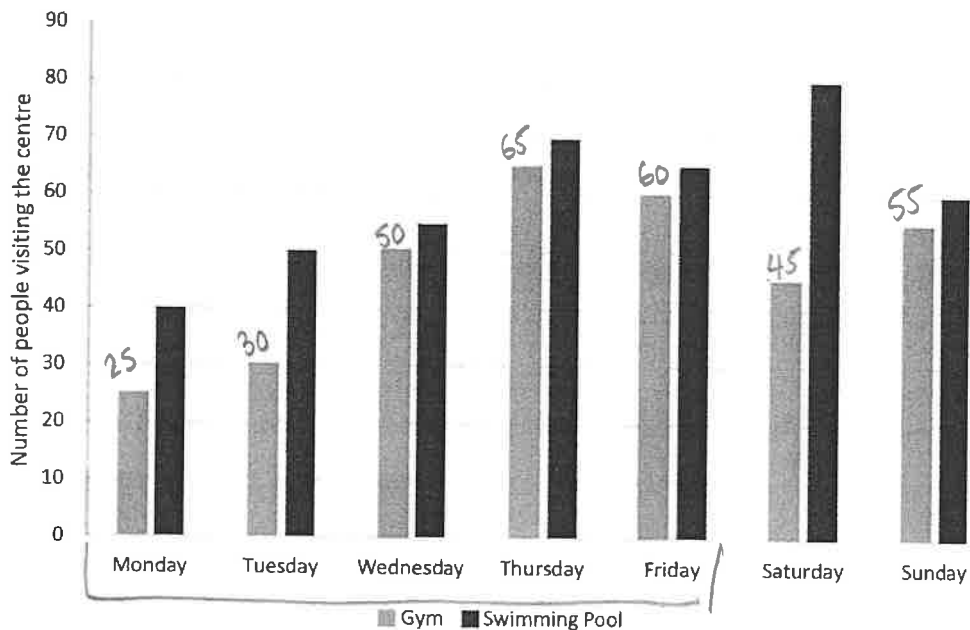
How much change will she receive if she pays with a $\text{£}10$ note?

- A $\text{£}4.57$ B $\text{£}3.32$ C $\text{£}7.93$ D $\text{£}2.07$ E $\text{£}2.30$

45

The leisure centre manager creates a bar chart to show how many people have attended the centre over the last week to either use the gym or swimming facilities. The data is shown below:

Leisure Centre Usage



$$\begin{array}{r} 105 \\ 125 \\ \hline 230 \end{array}$$

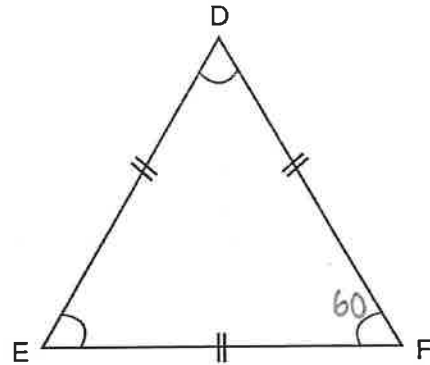
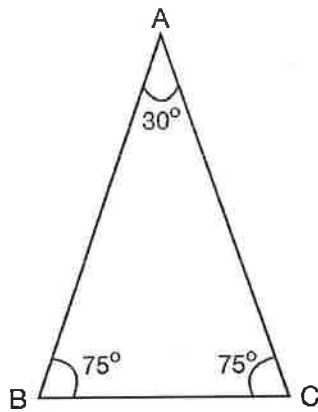
How many people used the gym between Monday to Friday (inclusive)?

- A 280 B 420 C 230 D 345 E 510

46

Shape ABC is an isosceles triangle and shape DEF is an equilateral triangle.

What is the difference in size between angle C and angle F?



A 135°

B 15°

C 30°

D 90°

E 20°

47

A Primary 6 and 7 school play lasts 105 minutes. The encore at the end takes an additional 10 minutes. The play starts at 7:20 pm.

At what time will the play finish (including encore)?

A 9:05 pm

B 9:15 pm

C 8:45 pm

D 9:20 pm

E 8:35 pm

105 + 10 = 115 = 2h - 5 mins

48

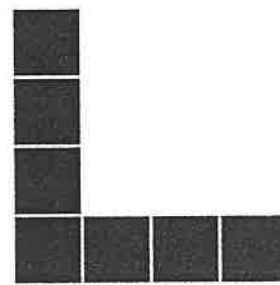
The patterns below are all made up using small 1cm x 1cm square tiles.



Pattern 1
3



Pattern 2
5



Pattern 3
7

Double + add 1

If the pattern continues this way, how many tiles will be used to create pattern number 9?

A 17 tiles

B 19 tiles

C 21 tiles

D 23 tiles

E 25 tiles



49 According to a compass, Thomas is facing Southeast. He then turns 270° anti-clockwise and then 135° clockwise.

What is his final position?

- A Northeast B Southwest **C North** D East E Southeast

50 Jason has a bag of 25 marbles consisting of:

- 5 black marbles
- 3 green marbles
- 15 blue marbles
- 2 white marbles

$$\frac{15}{25} = \frac{3}{5}$$



What is the probability that he picks a blue marble if he pulls a marble out at random?

- A Impossible B Unlikely C Even **D Likely** E Certain

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

51 Catriona takes her new electric car to a rapid charge station to recharge the battery. Electricity costs £1.35 per unit. To fully charge the battery she will need 40 units of electricity.

How much will it cost her to fully charge her car?

$$\begin{array}{r} 1.35 \\ \times 40 \\ \hline 5.40 \end{array} \times 10$$

£54.00

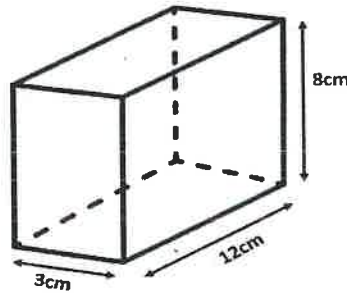
52 Michael is planning his car journey across Ireland using a map. On the map 1cm=8km.

The distance between Limerick and Cork is shown on the map as being 12cm.

What is the actual distance between Limerick and Cork in kilometres?

$$12 \times 8 = \underline{96 \text{ km}}$$

53 An expandable file is shown on a stationary shop's website as having the following dimensions:



$$\begin{array}{r} 36 \quad 96 \quad 24 \\ 36 \quad 96 \quad 24 \\ \hline 72 \quad 192 \quad 48 \\ \quad 192 \quad 48 \\ \quad \quad 72 \\ \hline 312 \end{array}$$

What is the overall surface area of the file?

312 cm²

54 Lewis misses the 09:45 bus from Lisburn to Dublin. 2 hrs 50 min.
The next bus doesn't arrive until 12:35.
How many minutes must Lewis wait?

170

55 Daisy buys a 2l carton of freshly squeezed orange juice.
She pours a 275ml glass every day.

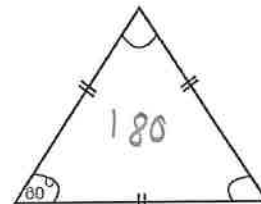
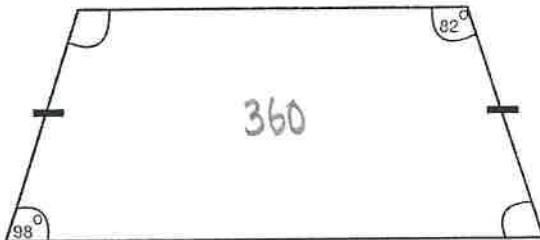
$$\begin{array}{r} 275 \\ \times 537 \\ \hline 1925 \end{array}$$

How much orange juice is left in the carton at the end of the week (7 days)?
Give your answer in millilitres.

$$\begin{array}{r} 2000 \\ - 1925 \\ \hline 75 \end{array}$$

75ml

56 Below are drawings of a trapezium and an equilateral triangle.



What is the combined value of all the angles in these two shapes?

$$\begin{array}{r} 360 \\ + 180 \\ \hline 540^\circ \end{array}$$

