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# **ENTRANCE ASSESSMENT**

## **Practice Paper 15**

*'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 Lucas was over the moon when he received a new pair of ice skates before his final

A B C

ice hockey tournament of the season.

D N

2 The <sup>r</sup>river Lagan is a major river that runs through Northern Ireland. It is 87km in length.

A B C D N

3 The builder needed a further 20 bricks, sand, cement and water to finish building the new wall.

A B C D N

4 Jack celebrated his 9<sup>th</sup> birthday at a skate park with his closest friend's from school.

A B C D N

5 On Saturday I went to see Titanic, Belfast's newly-opened exhibition with my mum.

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 Amanda currently 

ran
-----

runs
------

will run
----------

controlled
------------

oversee
---------

  
A B C D E  
the breakfast club for the school.

7 The family huddled together under the stairs as they 

awaited
---------

lingered
----------

waited
--------

  
A B C  

resided
---------

expected
----------

 for the fierce tornado to pass.  
D E

8 The employees decided to 

strike
--------

complaint
-----------

riot
------

speak
-------

object
--------

  
A B C D E  
peacefully instead of going to work, as they felt their working conditions were poor.

9 The young man 

gave
------

has given
-----------

received
----------

acquired
----------

gained
--------

 a standing  
A B C D E  
ovation after his performance in the talent show.

10 The government stated that they were working to 

assure
--------

ensure
--------

insure
--------

  
A B C  

ashore
--------

restore
---------

 that everyone was being kept safe during the pandemic.  
D 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 Louise enjoyed completing paid surveys to make some extra money.  
A B C D N

12 Meghan asked for help as she was struggling with one particular question in  
A B C  
her French classwork.  
D N

13 The general consensus of the group was that they should bring a packed lunch  
A B C  
to eat on their hike up the mountains.  
D N

14 The young man was hoping to gain some experinece to help with his application  
A B C  
for the new job of Sales Director of Europe.  
D N

15 Jessica demonstrated a lot of persevearance to make it to the end of the race.  
A B C D N

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

## Lewis

1. As soon as the unicorn began to move, Lewis panicked, overwhelmed by dizziness.
2. The unicorn was taller than any horse he'd ever ridden, though, to be honest, he'd only
3. ridden one in his entire life, on a pony trek on Ardrossan beach when he was six.
4. He was a long, long way from the ground. If he fell, he'd be crushed by her hooves, he'd
5. break his neck, he'd...
6. The unicorn broke into a trot and Lewis gave up on thought. He focused on listening to
7. the beat of her hooves on the ground while gripping her mane so tightly his fingertips
8. whitened. She started to move across the garden towards Rhona, who'd run to the gate
9. and was fiddling with the padlock. Lewis moaned, consumed by fear, as the gate swung open.
10. Rhona raced off, swallowed up by the darkness as she headed towards the big house.
11. The unicorn moved through the garden gate and slowed down, picking her way delicately
12. through the thick undergrowth. Lewis leaned forward, afraid he'd be decapitated by an
13. overhanging branch or garrotted by trailing vines. A strange sense of calm settled over him.
14. The unicorn knew exactly what she was doing. All he had to do was hold tight.
15. "You're doing brilliantly," he whispered. "You can do this."
16. The unicorn twitched her ears, as if she liked the sound of his voice.
17. He remembered that bleak night, lost on the moor, when the stallion had seemed to be his
18. enemy. He'd been so convinced in those terrible, panicked moments that it had been
19. coming straight for him, but now he knew for certain he hadn't been the target of the
20. unicorn's rage. He thought of the odd circular dent in the side of the Land Rover. Ailsa
21. must have been somewhere near him that night. He'd hoped she'd got the fright of her life
22. when the unicorn's horn smacked against the car door.

23. Lewis shook his head, trying to clear his thoughts. He was starting to get worried about the  
24. time the unicorn was taking, negotiating the woodland. But as she broke from the cover of  
25. the trees, he felt a twinge of excitement. They were on their way to freedom, he and Sneachda.  
26. The unicorn's hooves clattered as she broke into a trot. Behind them, raindrops rippled the  
27. black waters of the loch. Soon they'd be out on the moor, heading for the forest. Soon the  
28. unicorn would be free again. They were almost at the main gates...the padlocked gates.

29. He'd forgotten that Ailsa had locked the main gates. They had no key for those.

30. Panic gripped Lewis's chest, tightened his throat. Without any warning, the unicorn stopped  
31. dead and he lunged forward. He'd have gone head first if he hadn't been grasping Sneachda's  
32. mane so tightly. Legs splayed, the unicorn leant right back. Her ears swivelled back and forth;  
33. her eyes darted. Lewis felt the trembling in her body, could sense her fear. As he stared, a  
34. shadowy figure stepped out from behind a bush and activated a security light.

## **Guardians of the Wild Unicorns**

**By Lindsay Littleson**

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

How did Lewis feel as soon as the unicorn started to move?

- A Anxious
- B Consumed by fear
- C Reluctant
- D Panicked and dizzy**
- E Calm

17

The words 'raindrops rippled' are used on line 26. What literary device is this an example of?

- A Rhyme
- B Alliteration**
- C Onomatopoeia
- D Metaphor
- E Oxymoron

18

What caused the 'odd circular dent' in the Land Rover?

- A The unicorn's hoof.
- B An overhanging branch.
- C Trailing vines.
- D Lewis smacked the door off something.
- E The horn of the unicorn.**

19

Based on your understanding of the passage, what is Lewis trying to do with the unicorn?

- A He is trying to learn to ride the unicorn.
- B He is trying to tame the unicorn.
- C He is trying to free the unicorn.**
- D He is trying to get over his fear of unicorns.
- E He is attempting to steal the unicorn.

20 "He remembered that bleak night" (Line 17)  
In this sentence what type of word is the word 'bleak'?

- A Adjective
- B Collective noun
- C Verb
- D Adverb
- E Noun

21 The contraction 'he'd' is used several times throughout the text.  
Look at Line 2. What does 'he'd' stand for in the context of this sentence?

- A He did
- B He would
- C He had
- D He should
- E He could

he had

22 "Lewis shook his head, trying to clear his thoughts" (Line 23)  
What does this show that Lewis is trying to do?

- A He is trying to remove negative thoughts and doubt from his mind.
- B He is trying to not think about anything.
- C He disagrees with what Ailsa was doing.
- D He disapproved of the fact the gate was locked.
- E He was trying to remember his escape route.

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

23 Which phrase of three words located between lines 1-10 means 'overwhelmed with dread'?

Consumed by fear

24

"he'd be crushed by her hooves, he'd break his neck, he'd... (Lines 4-5)

What does Lewis consider to be the worst case scenario when he says 'he'd...' for the last time?

die. The unicorn would kill him.

25

The word 'fright' is used on line 21. Locate another word used in the passage that rhymes with this.

tight.  
night  
light  
right.

26

Which phrase of 5 words located between lines 6-12 means the same as 'the night consumed her'?

Swallowed up by the darkness.

27

Look at lines 29 - 33

Using your understanding of this section, how would you describe Lewis's feelings at this moment in the text?

Anxious / worried / panicked / unsure.

28

What one word used between lines 17-19 indicates that Lewis was initially convinced that the unicorn would be his foe?

Enemy.

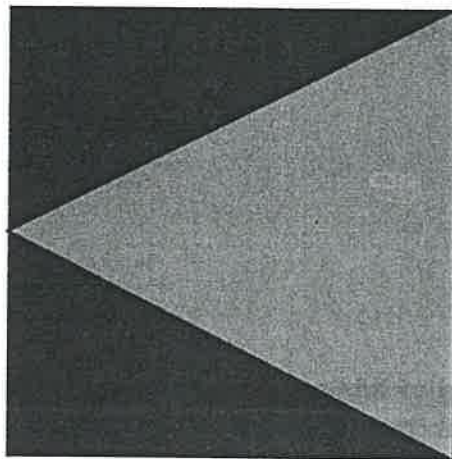
# Maths - Main Test

**29** At two months old, Sienna was measured to be 62cm. Now aged 5, she gets measured by her parents and is 1.85m. How much has Sienna grown?

$$\begin{array}{r} 185 \\ - 62 \\ \hline 123 \end{array}$$

- A 125cm      **B 123cm**      C 247cm      D 147cm      E 174 cm

**30** Lauren and Andrew have picked new tiles for their porch floor. The tiles are squared, and have a perimeter of 56cm per tile. A sample of the tile is shown below. What is the area of the light blue (lightly shaded) triangle shown on the



$$4 \overline{) 56}$$

$$\begin{array}{r} 14 \\ \times 14 \\ \hline 56 \\ 140 \\ \hline 196 \end{array}$$

$$2 \overline{) 196}$$

- A 196 cm<sup>2</sup>      B 3.13 m<sup>2</sup>      **C 98 cm<sup>2</sup>**      D 78 cm<sup>2</sup>      E 97.5 cm<sup>2</sup>

**31** In order to improve her health, Margaret takes 4 different vitamins each day. How many vitamins will she consume in the month of May?

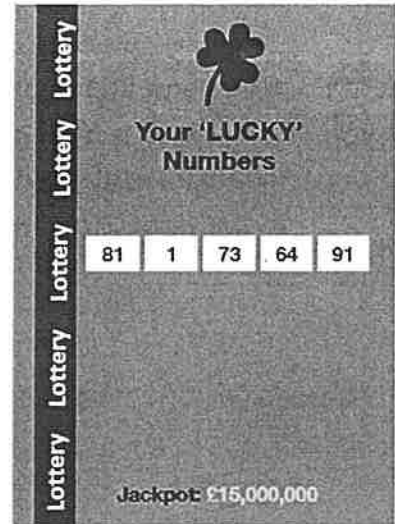
$$\begin{array}{r} 31 \\ \times 4 \\ \hline 124 \end{array}$$

- A 154 vitamins      B 120 vitamins      C 112 vitamins      **D 124 vitamins**      E 132 vitamins

32


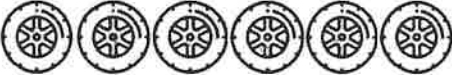



Gordon decides to enter the lottery this weekend and he picks his numbers at random. The numbers he has chosen are printed on his ticket. Which of the numbers below is the largest prime number?


- A 81
- B 1
- C 73**
- D 64
- E 91



33

Workers at a local car garage which specialises in replacing car tyres are tracking their work to see how many tyres they change over the course of a week. They create a pictograph to show the data. The pictograph is shown below:

	Tyres Fitted
Tyre Fitter 1	
Tyre Fitter 2	
Tyre Fitter 3	
Tyre Fitter 4	
Tyre Fitter 5	

 = 16 tyres

$$\begin{array}{r}
 20 \times 16 \\
 = 320 \\
 + \quad 12 \\
 \hline
 332
 \end{array}$$

What is the total number of tyres changed by the workers in the garage?

- A 320
- B 328
- C 332**
- D 327
- E 331

34

What is the range of the car tyres fitted in the garage?

$$\begin{array}{r}
 16 \\
 \times 36 \\
 \hline
 96
 \end{array}
 \qquad
 \begin{array}{r}
 16 \\
 \times 3 \\
 \hline
 48
 \end{array}$$

- A 64
- B 44
- C 32
- D 48**
- E 96

35

A class of 30 children are completing their swimming badge at the end of the year in a 50m pool.  $\frac{1}{3}$  of the class swam 1 length of the pool, 20% swam 2 lengths and the remainder of the class swam 3 or more lengths in the pool. How many children swam 3 or more lengths?

$$\begin{array}{r} 10 \\ 6 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 30 \\ 16 \\ \hline \end{array}$$

**A 14 children**

B 6 children

C 10 children

D 16 children

E 3 children

36

Henry visits the dentist for a checkup which costs him £175. However, through his work, he receives dental benefits which means that he is reimbursed 30% of the cost. How much does Henry have to pay after being reimbursed?

$$\begin{array}{r} 175.00 \\ - 52.50 \\ \hline 122.50 \end{array}$$

$$\begin{array}{r} 17.50 \\ \times 3 \\ \hline 52.50 \end{array}$$

A £17.50

B £124.00

C £52.50

D £134.75

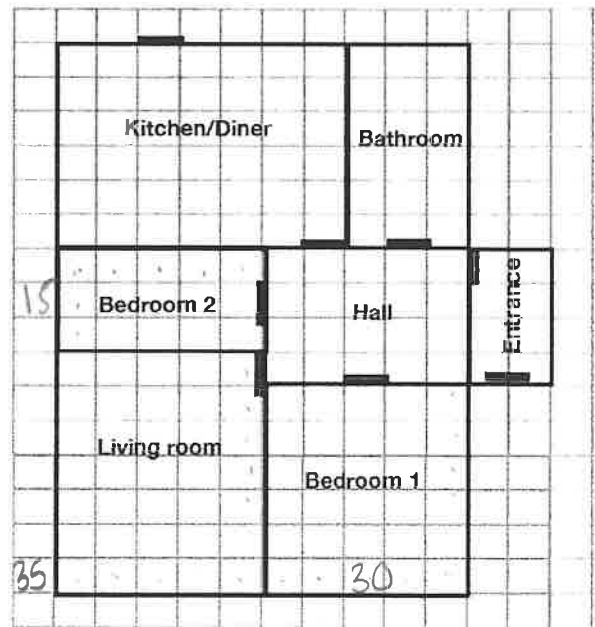
**E £122.50**

37

An estate agent is uploading floor plans for a new ground-floor apartment that they are about to promote on their website. The gridlines are 1cm apart.

scale 1cm = 100cm

What is the actual area of the living room and all the bedrooms combined?



$$\begin{array}{r} 30 \\ 35 \\ 15 \\ \hline 80 \end{array}$$

A 70m<sup>2</sup>

**B 80m<sup>2</sup>**

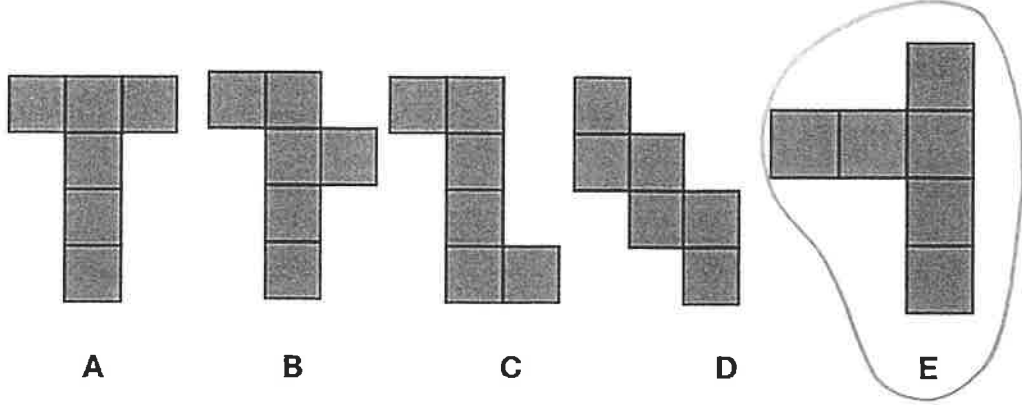
C 65m<sup>2</sup>

D 50m<sup>2</sup>

E 45m<sup>2</sup>

# 38

Which of the nets below does not make a cube when assembled?



# 39

Tim has received a quote for his car insurance. The current price for his car insurance is £440. He shops around and gets a new quote which is 25% cheaper. What is the cost of the new quote?

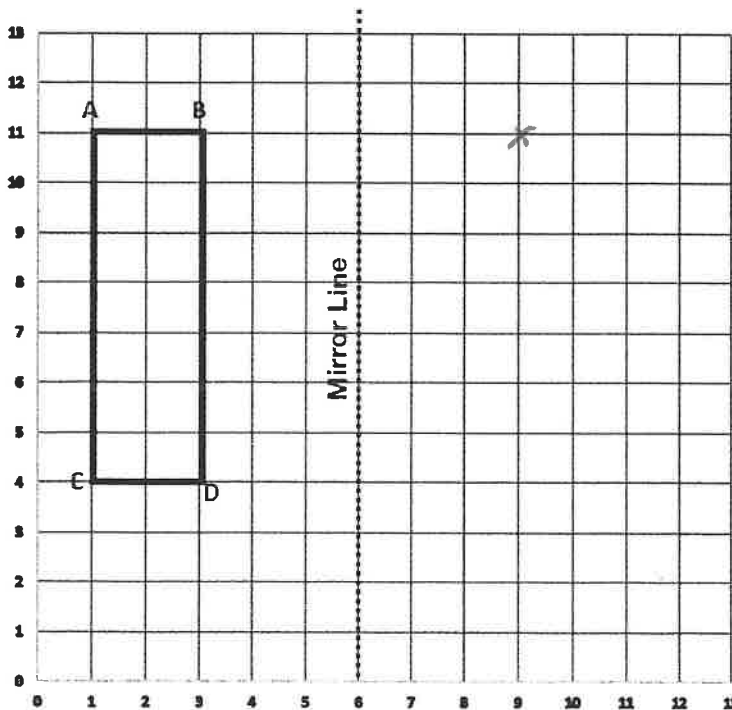
$$\begin{array}{r} 110 \\ 4 \overline{) 440} \\ \underline{440} \\ 0 \end{array}$$

$$\begin{array}{r} 440 \\ - 110 \\ \hline 330 \end{array}$$

- A £190      B £506      C £110      **D £330**      E £306

# 40

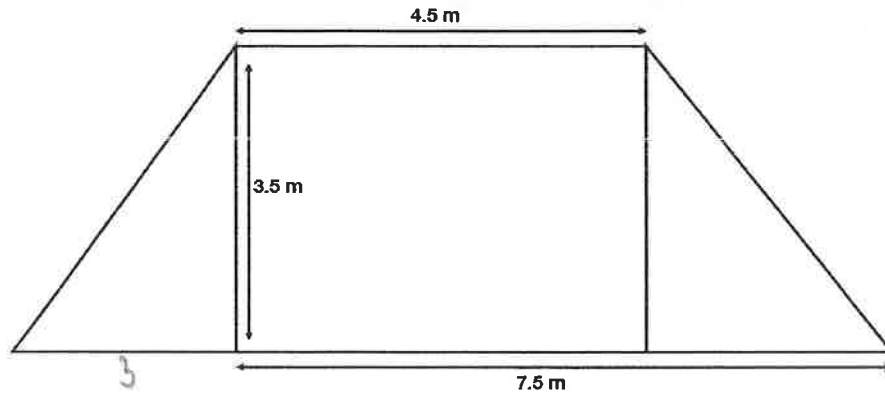
The shape below is reflected across a mirror line. At what co-ordinate will point B now rest on?



- A (7,11)  
 B (10,11)  
 C (9,11)  
 D (11,11)  
 E (9,4)

41

The Bradley family are shopping for a new tent for their upcoming camping holiday. A cross-section of their chosen tent is shown below. What is the area of the tent?

A 26.25m<sup>2</sup>B 21m<sup>2</sup>C 36.75m<sup>2</sup>D 29.75m<sup>2</sup>E 25.75m<sup>2</sup>

42

Ellie checks her mobile banking app on her phone and sees that she has £12.72 left in her account. She goes out for the day with her friends and spends some money on the following items:

McDonalds £1.99

Bus ticket £1.35

New book £2.15

Cinema ticket £3.70

Bag of sweets £1.50

If she checks her mobile banking app when she gets home, how much money will she have left in her account?

A £2.13

B £2.03

C £4.03

D £3.16

E £1.75

43

A group of teenagers are completing a treasure hunt. They start facing Southwest and are told to continue walking that way for 4km.  
 The next instruction they are told is to turn 90 degrees clockwise and continue walking for another 2km.  
 Finally, the last instruction is to turn 180 degrees anticlockwise and walk 1km to the finish line. In which direction do they end up facing at the finish line?

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

44

A local pizza shop is opening a second branch and wants to send out promotional flyers for their launch night.  
 They have organised some of their staff to help with the flyer drop and divided them up between everyone. Two of the staff delivered approximately 145 each and the 3 other staff delivered approximately 96 each.  
 What is the approximate amount of flyers that were delivered to the nearest 100?

$$\begin{array}{r} 145 \\ 145 \\ \hline 290 \end{array} \quad \begin{array}{r} 96 \\ \times 3 \\ \hline 288 \end{array}$$

- A 240 flyers    B 390 flyers    **C 600 flyers**    D 500 flyers    E 578 flyers

45

A washing machine completes 7 rotations per minute during the initial cleaning cycle. Through how many degrees would the washing machine's drum move through in 3 minutes?

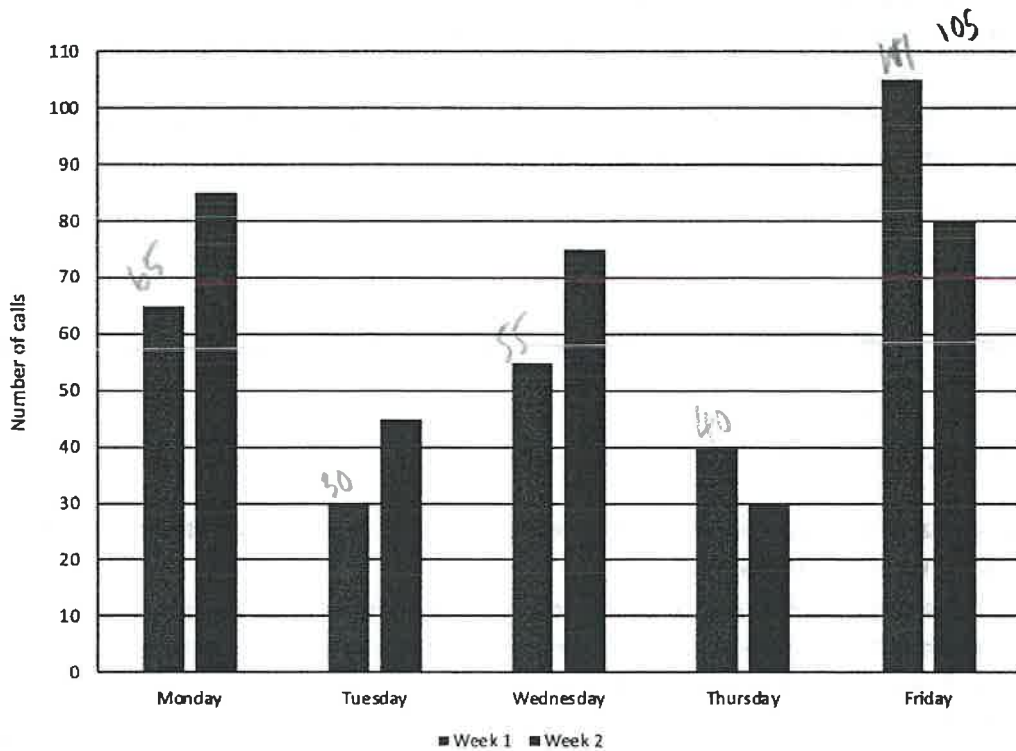


$$\begin{array}{r} 360 \\ \times 7 \\ \hline 2520 \\ \times 3 \\ \hline 7560 \end{array}$$

- A 2,520°    **B 7,560°**    C 1,080°    D 1,260°    E 3,780°

46

A primary school in Newtownabbey has recorded the number of phone calls taken by the office across a 2 week period to see which days are their busiest.



Select the option below which indicates the busiest days for both week 1 and week 2.

- A Week 1 = Friday      Week 2 = Monday
- B Week 1 = Monday      Week 2 = Friday
- C Week 1 = Friday      Week 2 = Wednesday
- D Week 1 = Wednesday      Week 2 = Friday
- E Week 1 = Friday      Week 2 = Friday

47

Look again at the graph above (Question 46)  
What is the average number of phone calls received in week 1?

$$\begin{array}{r}
 65 \\
 70 \\
 55 \\
 \hline
 195 \\
 \hline
 295
 \end{array}$$

- A 122
- B 57
- C 59
- D 63
- E 56

$$\begin{array}{r}
 059 \\
 5 \overline{)295}
 \end{array}$$

48

Look at the number pattern below:

27, 64, 125, 216, \_\_\_\_\_

73

What is the next number in the sequence?

A 432

B 287

C 306

D 336

E 343

49

Matilda goes to buy an ice lolly from the ice-cream van.

The ice-cream van's freezer contains:

4 strawberry lollies

5 watermelon lollies

9 pineapple lollies

18 pear lollies

$$\frac{18}{36} = \frac{1}{2}$$

What is the probability that Matilda gets a pear lolly from the ice-cream van if the driver chooses a lolly at random?

A certain

B likely

C even chance

D unlikely

E impossible

50

In the below question, calculate the value of y:

55

$$62 - 7 = 5 \times y$$

A 11

B 19

C 51

D 15

E 20

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

51

Every day at Belfast City Airport there are 14 flights to London Heathrow. Each plane holds 168 passengers. How many passengers are flying each day assuming the plane is at full capacity?

$$\begin{array}{r} 168 \\ \times 14 \\ \hline 2352 \end{array}$$

52

Gaby and Eric are saving their pocket money to buy themselves a new toy and decide to combine their money. At the end of 6 weeks, Gaby has saved £3.45, and Eric has saved £5.70. The new toy costs £13.50. How much more do they have to save between them?

$$\begin{array}{r} 3.45 \\ + 5.70 \\ \hline 9.15 \end{array}$$

$$\begin{array}{r} 13.50 \\ - 9.15 \\ \hline 4.35 \end{array}$$

53

One angle within an isosceles triangle is  $32^\circ$ . What is the value of the largest possible angle within the triangle?

$$\begin{array}{r} 32 \\ 32 \\ \hline 64 \end{array}$$

$$\begin{array}{r} 180 \\ - 64 \\ \hline 116 \end{array}$$

54

How many lines of symmetry are there in an isosceles triangle and hexagon combined?

1

6

7

55

Peter and Hanna are organising a birthday party for their daughter. They need 189 balloons to create a balloon arch and they can only buy balloons in packets of 15. What is the smallest number of packets that they will need to buy for the balloon arch?

13.

56

Gary the farmer has built a milk vending machine on his farm. Every morning, he fills it up with 60 litres of fresh milk. The bottles which are available to buy are 750ml and 1 litre bottles. On Saturday evening, he gets a notification that there is only 12.5 litres remaining in the machine. How many litres of milk has been purchased by the public?

$$\begin{array}{r} 5 \text{ a } 1 \\ 60.0 \\ - 12.5 \\ \hline 47.5 \text{ ltr} \end{array}$$

