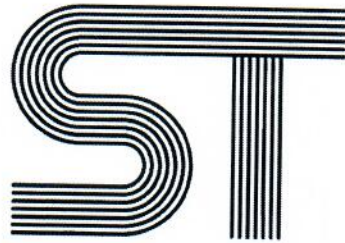


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**Practice Paper 12**

**(Cut Answer Sheet from Back Page)**

# English – Practice Test

In this question there is either **one** punctuation mistake or **no** punctuation 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.**

**P1** Its unusual for me to go to bed late as I have to get up early to catch the school bus.

↑ (A) ↑ ↑ B ↑ ↑ C ↑ ↑ D ↑

*Handwritten note: apostrophe*

In this question you have to choose the **best** word to complete the sentence, so that it makes sense and is written in correct English. Choose the **best** answer and mark its letter on your answer sheet.

**P2** I'm coming now! Just  wait  stand  hang  go  remain

A B C D E

on a minute!

In this question there is either **one** spelling mistake or **no** spelling 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.**

**P3** I'm not sure when my appointment with the dentist is. I'll need to check my calender.

↑ A ↑ ↑ B ↑ ↑ C ↑ ↑ D ↑

*Handwritten note: Calendar*

Read this passage to yourself.

**Extract from: Alice's Adventures in Wonderland by Lewis Carroll**

There was a table set out under a tree in front of the house, and the March Hare and the Hatter were having tea at it: a Dormouse was sitting between them, fast asleep, and the other two were using it as a cushion, resting their elbows on it, and talking over its head. "Very uncomfortable for the Dormouse," thought Alice; "only, as it's asleep, I suppose it doesn't mind."

Answer this question. Choose **one** answer from the options below and mark its letter on your answer sheet.

P4

Which of the following is true about the characters sitting at the table?

- A They are all drinking tea.
- B They are all asleep.
- C They are all sitting inside.
- D The Dormouse is using the Hatter and the March Hare as a cushion.
- E The Hatter and the March Hare are using the Dormouse as a cushion.

For this question, you have to write your answer in the box provided on your answer sheet (box P5).

P5

Which **two word** phrase from the passage means the same as "in a very deep sleep"?

Fast asleep



# Maths – Practice Test

P6



$1 \text{ kg} = 1000 \text{ g}$   
 $6 \text{ kg} = 6000 \text{ g}$

$$\begin{array}{r} 12 \\ 500 \overline{) 6000} \end{array}$$

A pot holds 6 kilograms of rice. There is 500 grams of rice in a packet.

How many packets of rice are needed to completely fill the pot?

A 6

B 500

**C 12**

D 120

E 6000

P7

$1 \xrightarrow{\times 2} 2 \xrightarrow{+2} 4 \quad 22 \times 2 = 44 + 2 = 46$   
 Rule = Multiply by 2 then add 2.  
1      4      10      22      46

Using the rule above what would be the numbers at the start and end of the sequence above?

A 2, 45

**B 1, 46**

C 0, 44

D 4, 48

E 1, 48

# P8

John and Sam are going to share the cost of a holiday to Poland costing £308. John is going to pay  $\frac{3}{7}$  of the price.

$$\frac{7}{7} - \frac{3}{7} = \frac{4}{7} \text{ of } 308 =$$

$$\begin{array}{r} 044 \text{ } ^{144} \\ 7 \overline{) 308} \\ \underline{21} \phantom{0} \\ 908 \\ \underline{63} \phantom{0} \\ 278 \\ \underline{21} \phantom{0} \\ 68 \\ \underline{63} \\ 5 \\ \underline{5} \\ 0 \end{array}$$

How much is Sam going to pay?

- A £176      B £308      C £154      D £132      E £150

For these questions you have to **write your answers** in the boxes provided on your answer sheet (box P9 and P10). The units of measurement have been given.

# P9

$$600 + 50 + 2 + 0.9 + 0.07 = \underline{652.97}$$

$$\begin{array}{r} 600 \\ 50 \\ 2 \\ 0.9 \\ + 0.07 \\ \hline 652.97 \end{array}$$

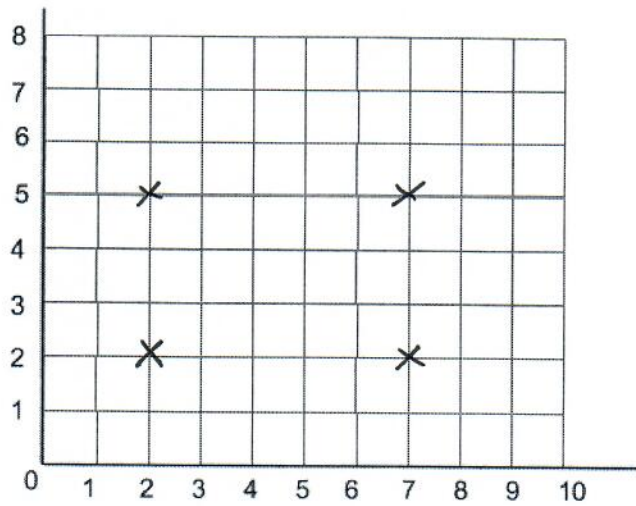
What is the answer to the calculation above?

652.97

# P10

Plot the following coordinates on the grid below.

- (2, 2)      (2, 5)      (7, 5)      (7, 2)



What is the name of the quadrilateral that is created by joining up the coordinates?

Rectangle

# 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 The Smith family always invite all their neighbours to their annual Halloween party.

A B C D

Capital letter

2 We had some lovely weather on our holiday in Southern California last year.

A B C D N

3 "I'm leaving right now," he said. "I can't wait for you any longer."

A B C D

Need . or !

4 Chinese New Year (which is celebrated around the world) falls on a different date each year.

A B C D

Close Brackets

5 English, Mathematics, Science, and Physical Education are compulsory subjects at school.

A B C D

No need for comma with and

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

Or   And   Either   Just   Neither  
A   B   C   D   E

Andy nor James handed in their homework on time.

7

We learnt   learns   learn   will learn   are learning  
A   B   C   D   E

about conjunctions last term in school.

8

I need some fresh air, I think I will go

for   by   with   about   to   a walk.  
A   B   C   D   E

9

I stayed until they cut the cake and then left the party after

it   this   which   that   its  
A   B   C   D   E

10

He has a smile that can   bright   brightest   light   lighter   glow  
A   B   C   D   E

up the room.

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 If we don't stop global warming the result will be disastrous for the human race.  
↑ A ↑↑ B ↑↑ C ↑↑ D ↑

12 The new restaurant spent a lot of money advertising in local newspapers and magazines.  
↑ A ↑↑ B ↑↑ C ↑↑ D ↑ N

13 She is the first woman to be appointed as Chief Constable in Northern Ireland.  
↑ A ↑↑ B ↑↑ C ↑↑ D ↑

14 The shop in High Street sells all sorts of electronic devices like computers and phones.  
↑ A ↑↑ B ↑↑ C ↑↑ D ↑

15 You need to be seventeen years old before you can apply for a learner's driving licence.  
↑ A ↑↑ B ↑↑ C ↑↑ D ↑



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

**Extract from: Alice's Adventures in Wonderland by Lewis Carroll**

1. Alice was not a bit hurt, and she jumped up on to her feet in a moment: she looked up,  
2. but it was all dark overhead; before her was another long passage, and the White Rabbit (23)  
3. was still in sight, hurrying down it. (16) There was not a moment to be lost: away went Alice  
4. like the wind, (17) and was just in time to hear it say, as it turned a corner, "Oh my ears and  
5. whiskers, how late (28) it's getting!" She was close behind it when she turned the corner, but  
6. the Rabbit was no longer to be seen: she found herself in a long, low (28) hall, which was lit  
7. up by a row of lamps hanging from the roof.
8. There were doors all round the hall, but they were all (18) (8) locked, and when Alice had been all  
9. the way down one side and up the other, trying every door, she walked sadly down the  
10. middle, wondering how she was ever to get out again.
11. Suddenly she came upon a little three-legged table, all made of solid (28) glass; there was  
12. nothing on it except a tiny golden key, and Alice's first thought was that it might belong  
13. to one of the doors of the hall; but, alas! either the locks were too large, or the key was  
14. too small, but at any rate it would not open any of them. However, on the second time  
15. round, she came upon a low curtain she had not noticed before, and behind it was a little (19)  
16. door about fifteen inches high: she tried the little golden key in the lock, and to her great  
17. delight it fitted!
18. Alice opened the door and found that it led into a small passage, not much larger than a  
19. rat-hole: she knelt down and looked along the passage into the loveliest (25) garden you ever  
20. saw. How she longed to get out of that dark hall, (20) and wander about among those beds of  
21. bright flowers and those cool fountains, but she could not even get her head through the  
22. doorway; "and even if my head would go through," thought poor Alice, "it would be of  
23. very little use without my shoulders. Oh, how I wish (27) I could shut up like a telescope! I  
24. think I could, if I only knew how to begin." For, you see, so many out-of-the-way things  
25. had happened lately, that Alice had begun to think that very few things indeed were really  
26. impossible. (21)

27. There seemed to be no use in waiting by the little door, so she went back to the table, half  
28. hoping she might find another key on it, or at any rate a book of rules for shutting people  
29. up like telescopes: this time she found a little bottle on it, ("which certainly was not here  
30. before," said Alice,) and round the neck of the bottle was a paper label, with the words  
31. "DRINK ME," beautifully printed on it in large letters.

32. It was all very well to say "Drink me," but the wise little Alice was not going to do that in (22)  
33. a hurry. "No, I'll look first," she said, "and see whether it's marked 'poison' or not"; for  
34. she had read several nice little histories about children who had got burnt, and eaten up  
35. by wild beasts and other unpleasant things, all because they would not remember the  
36. simple (26) rules their friends had taught them: such as, that a red-hot poker will burn you if  
37. you hold it too long; and that if you cut your finger very deeply with a knife, it usually  
38. bleeds; and she had never forgotten that, if you drink much from a bottle marked  
39. "poison," it is almost certain to disagree with you, sooner or later.

40. However, this bottle was not marked "poison," so Alice ventured to taste it, and finding it  
41. very nice, (it had, in fact, a sort of mixed flavour of cherry-tart, custard, pine-apple, roast  
42. turkey, toffee, and hot buttered toast.) she very soon finished it off. (24)

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

**What does the story start with?**

- A description
- B narration
- C direct speech
- D flashback
- E question

17

**Which literary technique is being used in lines 1 – 5?**

- A simile
- B metaphor
- C onomatopoeia
- D alliteration
- E personification

18

**Read lines 5 - 10. Which of these statements is true about the hall?**

- A The White Rabbit is in the hall.
- B The hall is completely dark.
- C The hall is full of locked doors.
- D The hall is low and short.
- E The hall is lit by rows of candles.

19

**Look at lines 11 -17. Which of these statements is true about the key?**

- A It opens the door behind a curtain.
- B It doesn't open any of the doors.
- C It is large and golden.
- D It is tiny and silver.
- E It is sitting on a wooden table.

20

Why does Alice want to get through the doorway?

- A Because she loves gardens.
- B Because she wants to drink from the fountain.
- C Because she is being chased by a rat.
- D Because she wants to pick the flowers.
- E Because she wants to get out of the dark hall.

21

“...so many out-of-the-way things had happened lately...” (lines 24 – 25)  
What is the meaning of the phrase “out-of-the-way things”?

- A faraway things
- B imaginary things
- C lost things
- D unusual things
- E scary things

22

Look at lines 32 – 39. What does this paragraph suggest about Alice?

- A She is stupid.
- B She is careless.
- C She is sensible.
- D She is afraid.
- E She is in danger.

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

23

Who or what is Alice following in the story?

White Rabbit

24

How many things does the mixture in the bottle taste of?

6 - Cherry-tart, custard, pine-apple, roast turkey, toffee, hot buttered toast.

25

Which word in line 19 means the same as “nicest”?

Love/ies t

26

Which word in line 36 means the same as “uncomplicated”?

Simple

27

Which part of speech is “wish” as it appears in the passage? (line 23)

Verb

28

Which one part of speech are the following as they appear in the passage?

late (line 5) low (line 6) locked (line 8) solid (line 11)

Adjectives

# Maths – Main Test

29

Look at the calculation below.

$$3422 - T = 532$$

What is the value of T?

$$\begin{array}{r} 2342 \\ - 0532 \\ \hline 2890 \end{array}$$

A 3822

B 3954

C 4332

D 2890

E 2532

30



$$\begin{array}{r} 36 \\ + 27 \\ \hline £63 \end{array}$$

Kayla has managed to persuade her mum and dad to buy her a hamster. She is going to pay for  $\frac{4}{9}$  of the total cost and her parents will pay the rest. The cage and food cost £27 and the hamster costs £36.

How much will her parents have to pay?

$$\frac{9}{9} - \frac{4}{9} = \frac{5}{9} \text{ of } £63$$

$$7 \times 5 = 35$$

$$9 \overline{)63}$$

A £63

B £27

C £45

D £35

E £36

# 31

Tracy is studying for her exams. Below is the number of hours she has studied each day from Monday to Thursday.

- Monday = 3 hours
- Tuesday = 4 hours
- Wednesday = 1 hour
- Thursday = 5 hours

$$\begin{array}{r}
 \leftarrow \quad \leftarrow \\
 \cancel{+} \quad \div 8 = 3 \\
 - 15 \quad \times 5 \\
 \hline
 13 \\
 \hline
 2
 \end{array}$$

She also studies on Friday. Her mean (average) study time from Monday to Friday is 3 hours.

5 days

How many hours did she study for on Friday?

A 5

B 4

C 3

**D 2**

E 1

# 32

Look at the pattern below, which is made up of grey and white triangles.



Pattern 1



Pattern 2



Pattern 3

How many white triangles will be needed to make up pattern 8?

**A 8**

B 12

C 4

D 18

E 16

1	2	3	4	5	6	7	8
0	2	2	4	4	6	6	8

33

$(8.25) \times 4$   
 $32 + 1 = 33$

At a party Jen brings 8.25 Litres of Dr. Pepper. The cups at the party hold 250 ml.  
 How many cups will she be able to fill with Dr. Pepper?

- A 17    **B 33**    C 9    D 25    E 82

$8.25 \times 4$   
 $\underline{33.00}$

34

A school goes on a ski trip to France. There are 412 pupils and teachers in total. Each bus can hold 32 people.

How many buses does the school need to order?

- A 12    B 15    **C 13**    D 11    E 14

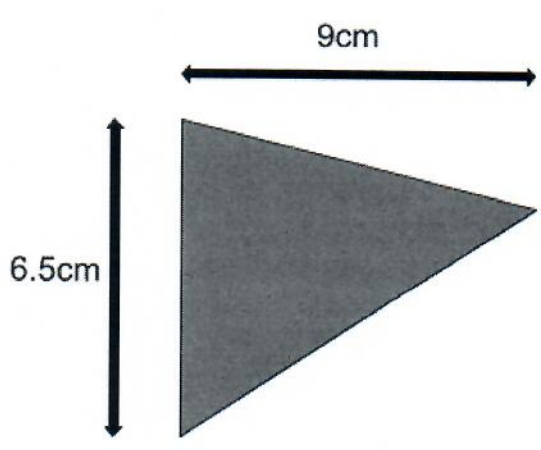
$\div 32$   
 $\div 4$   
 $\div 8$

Extra bus  
 $4 \overline{) 412} = 102 \text{ r } 7$

35

Look at the triangle below.

$6.5 \times 9$   
 $\underline{58.50}$   
 $29.25$



What is the area of the triangle?

- A  $58.5\text{cm}^2$     B  $65\text{cm}^2$     C  $32.75\text{cm}^2$     D  $60.5\text{cm}^2$     **E  $29.25\text{cm}^2$**



36

Glenn has been asked to find the product of the 3rd prime number, the 3rd Triangular number and all the factors of 4.

What should his answer be?

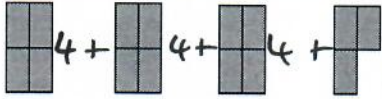

- A 18    B 144    C 323    **D 240**    E 10

$\times$   
 ⑤  
 $5 \times 6 \times 1 \times 2 \times 4 = 240$   
~~30~~   ~~30~~   60  
 ①, ②, ④  
 ⑥

37

A camping shop sells tents and backpacks. Below is number of items sold in July.



Tents	 4 + 4 + 4 + 3	$\begin{array}{r} 20 \\ = 15 \\ \hline 5 \end{array}$
Backpacks	 4 + 4 + 4 + 2	$= 14$

The shop had 20 tents in stock at the beginning of July.

Using the pictogram above, how many tents did they have in stock at the end of July?

- A 5**    B 12    C 15    D 6    E 8

38

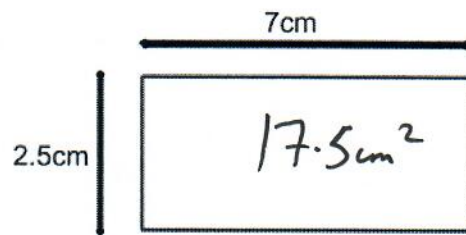
Look again at pictogram in Q37. In August the shop sold three times as many backpacks.

How many backpacks did they sell in August?

- A 37    **B 42**    C 25    D 14    E 45

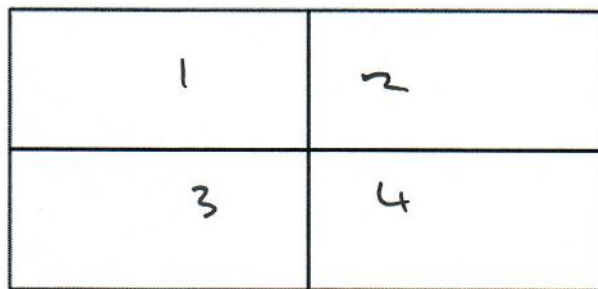
$$\begin{array}{r} 14 \\ \times 3 \\ \hline 42 \end{array}$$

Gemma buys several rectangular tiles (below) from a shop.



$$\begin{array}{r} 2.5 \\ \times 7 \\ \hline 17.5 \end{array}$$

She uses four of the rectangular tiles to make the larger rectangle below.



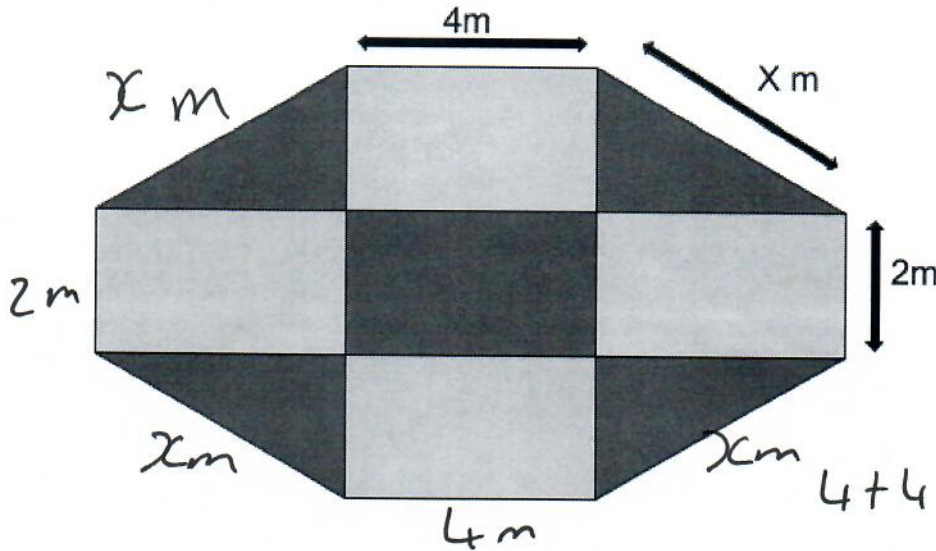
$$\begin{array}{r} 17.5 \\ \times 4 \\ \hline 70.0 \end{array}$$

**What is the area of the larger rectangle?**

- A  $60\text{cm}^2$
- B  $24\text{cm}^2$
- C  $25\text{cm}^2$
- D  $17.5\text{cm}^2$
- E  $70\text{cm}^2$**

40

Look at the shape below. It has a perimeter of 30m.



What is the length of X?

- A 18m    B 8m    C 2.5m    **D 4.5m**    E 4m

$$4 + 4 + 2 + 2 = 12$$

$$\begin{array}{r} 230 \\ - 12 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 04.5 \\ 4 \overline{) 18.0} \end{array}$$

41

Sophie is going to organise a charity event. She needs to hire the venue, order food and pay for a guest speaker. The venue costs £120, the food costs £3.50 per person attending and the guest speaker costs £65. Fifty people turn up for the event and she raises a total of £1300.

How much did she raise considering her costs?

- A £175    **B £940**    C £65    D £360    E £820

$$\begin{array}{r} 0121 \\ \times 300 \\ - 360 \\ \hline \pounds 0940 \end{array}$$

$$\begin{array}{r} 23.50 \\ \times 50 \\ \hline \pounds 1175.00 \text{ food} \end{array}$$

$$\begin{array}{r} \pounds 120 \\ \pounds 65 \\ \pounds 1175 \\ \hline \pounds 1360 \end{array}$$

42

Sam has 7 white socks, 9 black socks and 4 red socks in his drawer. He picks a sock at random from the drawer.

$$7 + 9 + 4 = 20$$

A: Sam will pick a red sock.  $\frac{4}{20}$

B: Sam will pick a black sock.  $\frac{9}{20}$

C: Sam will pick a red or white sock.  $7 + 4 = \frac{11}{20}$

D: Sam will pick a pink sock.  $\frac{0}{20}$

E: Sam will pick a red or black sock.  $9 + 4 = \frac{13}{20}$

Which statement above is most likely?

A A

B B

C C

D D

**E E**

43

The temperature in Bangor is -6°C on Monday. Over the next 3 days it rises by 4°C <sup>↑</sup> each day.

What is the temperature in Bangor on Thursday?

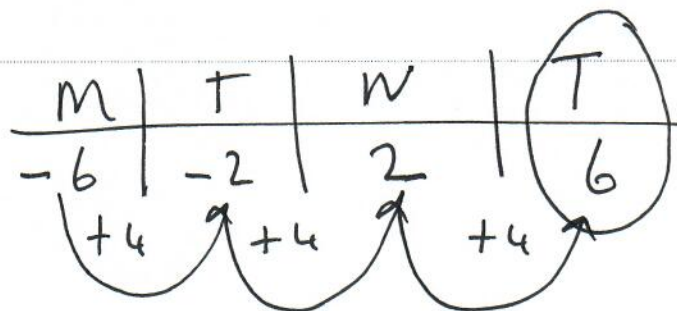
A 12°C

**B 6°C**

C 4°C

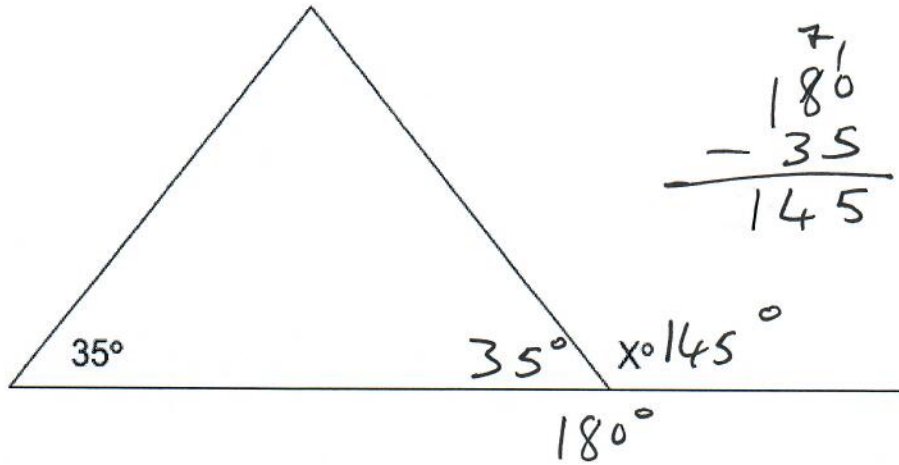
D 2°C

E 5°C



44

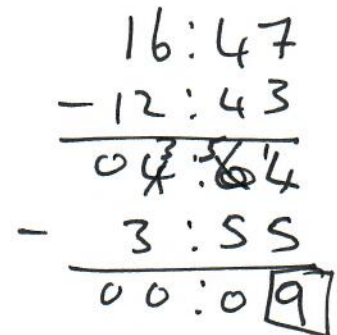
Look at the isosceles triangle below.



What is the size of angle X?

- A 110°
- B 145°**
- C 325°
- D 35°
- E 70°

45



Harold is running the London Marathon. In training his best time was 3 hours 55 minutes. In the actual marathon it takes him from 12:43pm to 4:47pm.

What is the difference in minutes between the two times?

- A 9 mins**
- B 55 mins
- C 12 mins
- D 47 mins
- E 10 mins

46

A = 6, B = 4 and C = 1

B ÷ C + A = D

~~4~~ ÷ 1 + 6 = ? 10  
4

Using the information above, what is the value of D?

- A 11    B 12    C 4    D 6    **E 10**

47

Look at the function machine below.



What number would have to go in the function machine for the number -5 to come out?

- A 91    B 84    **C 21**    D 56    E 1

48

Look at the fractions below.

<b>2</b> 50%	<b>5</b> 75%	<b>3</b> 66.6%	<b>1</b> 40%	<b>4</b> 70%
$\frac{1}{2}$	$\frac{3}{4}$	$\frac{2}{3}$	$\frac{2}{5} = \frac{4}{10}$	$\frac{7}{10}$

When ordered from smallest to largest, which is the middle fraction?

- A  $\frac{1}{2}$     B  $\frac{3}{4}$     **C  $\frac{2}{3}$**     D  $\frac{2}{5}$     E  $\frac{7}{10}$

49

What is 00:26 in 12-hour clock?

A 12:26am

B 00:26am

C 12:26

D 12:26pm

E 00:26pm

50



Craig is going to buy a season ticket for his local football team. If he pre orders it, he will get 15% off the listed price which is £430.

What would the reduced price be?

A £280.50

B £365.50

C £340.50

D £494.50

E £64.50

$$\frac{\times 15}{\div 100} \text{ of } 430 =$$

$$\begin{array}{r} 4.3 \\ \times 15 \\ \hline 215 \\ 430 \\ \hline \pounds 64.50 \end{array}$$

$$\begin{array}{r} 129 \\ 3430.60 \\ - 64.50 \\ \hline \pounds 365.50 \end{array}$$

For questions 51–56, you have to **write your answers** in the boxes provided on your answer sheet. The units of measurement have been given.

# 51

Look at the number below:

THHTU  
4529

4 5  $\overset{T}{\textcircled{2}}$   $\overset{\uparrow}{9}$

4  $\overset{H}{\textcircled{5}}$   $\overset{\downarrow}{2}$  9

$\overset{TH}{\textcircled{4}}$   $\overset{\uparrow}{5}$  2 9

What is this number rounded to the nearest 10, 100 and 1000?

$$10 = 4530$$

$$100 = 4500$$

$$1000 = 5000$$

# 52

Look at the magic square below.

8	1	6
3	5	7
4	9	2

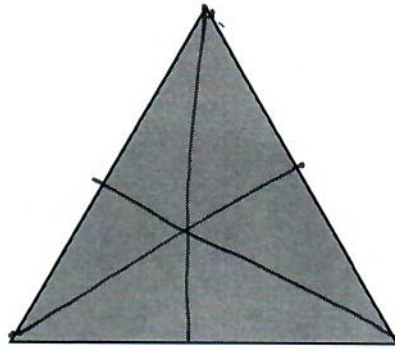
The rows, columns and diagonals add up to 15. The numbers 1-9 are the only numbers that can be used and each number can only be used once.

**What numbers would go in each of the missing squares above? (Fill in the squares on the answer sheet)**



53

Look at the equilateral triangle below.



How many lines of symmetry does this 2D shape have?

3

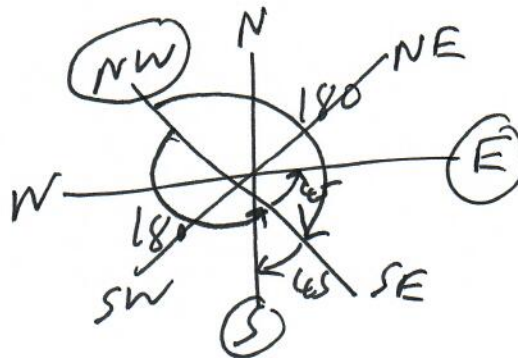
54

Stacey is facing North West. She turns  $225^\circ$ . She could be facing in two different directions.

$$180 + 45$$

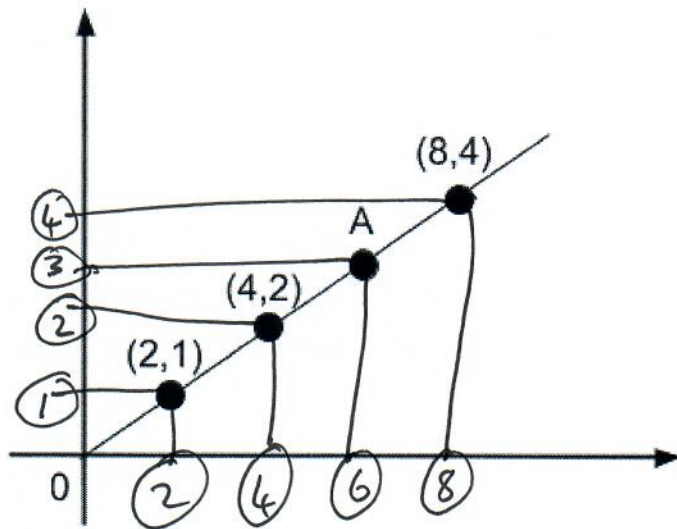
What two different directions could she be facing?

South and East



55

Look at the coordinates below. All the points on the line are equally spaced.



What are the coordinates of point A?

(6, 3)

56

Look at the number written below.

1,004,321

What is this number written in words?

one million, four thousand, three hundred and twenty one.