STIRLING TUITION

SEAG

Entrance Assessment

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Practice Paper 24

(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**.

No apostrophe needed

P1 She trained as a lawyer and has many client's. Some of them are famous celebrities.

A   B   C   D

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   Will you be present in | on | at | from | to

A   B   C   D   E

the town meeting on Thursday?

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**.

accompany

P3 "Would you like to accompanie me to the ball?" asked the handsome Prince Charming.

A   B   C   D

Read this passage to yourself.

(P5)

A study in America monitored the amount of adverts for food which appeared when children were watching television. They found that, on average, children watched twelve adverts for food per day. However, most of these adverts were for unhealthy foods like sweets and junk food. In fact, on average, the children monitored only saw one advert for healthy food, like fruit and vegetables, per week. (P4)

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 adverts the children watched?

A   The adverts were mostly for healthy food.
B   On average, children only saw one advert for junk food per week.
C   On average, children only saw one advert for fruit and vegetables per week.
D   On average, the children saw one advert for food per day.
E   On average, the children saw twelve adverts for food per week.

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

P5

Which one word from the passage means the same as "investigation"?

Study

END OF ENGLISH PRACTICE TEST
Do not turn over until you are told to do so ⚠️

Maths – Practice Test

P6

A chef has decided to cook a curry. Below are the ingredients they need to buy from the shop, along with their cost.

- Chicken £7.94
- Curry Paste £6.43
- Coconut Milk £5.27
- Rice £4.39
- Chutney £3.21

$20 + 10 = 30$

They pay with a £20 and £10 note.

How much change do they get?

$$
\begin{array}{r}
7.94 \\
6.43 \\
5.27 \\
4.39 \\
+\ 3.21 \\
\hline
27.24
\end{array}
$$

$$
\begin{array}{r}
30.00 \\
-\ 27.24 \\
\hline
02.76
\end{array}
$$

A £1.51   **B** £3.67   **C** £2.76   **D** £2.32   **E** £3.12

P7

$6.5 \times 1000 = 6500$

$1 kg = 1000 g$

A pot holds 6.5 kilograms of rice. There is 125 grams of rice in a packet.

$5 \times 5 \times 5 = 125$

$$
\begin{array}{r}
0\ 5\ 2 \\
\hline
75\ |\ 02\,6\,0 \\
75\ |\ 1\,3\,0\,0 \\
5\ |\ 6\,5\,0\,0
\end{array}
$$

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

A 24   **B** 26   **C** 104   **D** 52   **E** 125

P8

The advert below shows the rental costs for a house.

Weekly Price:	**£245**
5 Nights:	**80%** of the **Weekly Price**
Please Note:	All rentals require an additional fee of £12.54

What is the total cost of renting the house for 5 nights?

A £257.54   **B** £208.54   **C** £310.98   **D** £196.00   **E** £198.46

$80\% = \dfrac{8}{10}$ of 24.5)

$\begin{array}{r} 24.5 \\ \times\ 8 \\ \hline £196.0 \end{array}$

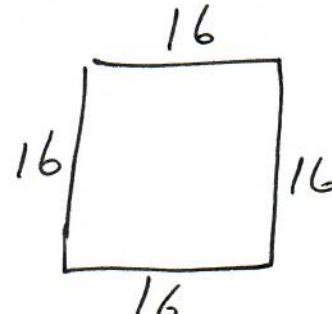$\begin{array}{r} 196.00 \\ +\ 12.54 \\ \hline 208.54 \end{array}$

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

A square has a perimeter of 64 cm.

What is the area of the square?

$\dfrac{16}{4\overline{)64}}$

$\begin{array}{r} 16 \\ \times\ 16 \\ \hline 96 \\ 160 \\ \hline 256 \end{array}$

$256\ cm^2$

P10

What fraction of £4.50 is 50p?

$\dfrac{50 \div 5}{450 \div 5} = \dfrac{1}{9}$

$\dfrac{1}{9}$

or equivalent

eg:

$\dfrac{50}{450}$

END OF MATHS PRACTICE TEST
Do not turn over until you are told to do so ⚠️

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 If he had got out of bed earlier, he would'nt have missed the flight to London.

    A   B   C   D

apostrophe in wrong place

2 He has been a fan of lego since he was a child and his collection is still growing.

    A   B   C   D

Lego need capital

3 When I go to the cinema, I always order lemonade, popcorn and a bar of chocolate.

    A   B   C   D

Comma for list

4 I think I remember you now. You are Sam's younger sister, aren't you!

    A   B   C   D

? question

5 If you love chocolate, as most people do, you will enjoy the tour of the chocolate factory.

    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

| For | So | Although | Before | Since |
| A | B | C | D | E |

I was excited to do a sky-dive, I was a bit nervous too.

7

James | he | which | that | whose | who |
      A   B   C   D   E

was sitting in the back of the car, started to feel sick.

8

The sea was freezing, so I was surprised to see so many people diving

| into | onto | along | across | between | the waves.
| A | B | C | D | E |

9

This year, we | trying | is trying | are trying | try | tries |
      A   B   C   D   E

to reduce the amount of plastic waste we produce.

10

I enjoy going away to boarding school, but sometimes I feel a bit

| sickness | lovesick | heartsick | housesick | homesick |.
| A | B | C | 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

temperature

11   The average <u>tempature</u> in winter is usually between two and seven degrees Celsius.

       (A)   B   C   D

committee

12   The local residents set up a <u>comittee</u> to decide what to do about the litter problem.

       A   (B)   C   D

desperate

13   She was <u>desparate</u> to get tickets for the concert, so she camped outside all night.

       (A)   B   C   D

dictionary

14   To prove he was right, Dad insisted on looking up the word in the <u>ditionary</u>.

       A   B   C   (D)

equipment

15   Before starting on the climb, the hiker carefully checked all her <u>equitment</u>.

       A   B   C   (D)

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

Don't Lose Your Head!

1. Have you ever heard of the phrase, "running around like a headless chicken,"? Most of

2. us just think of the phrase as an idiom – a phrase or a sentence that does not literally

3. mean what it says. For example, when you say to someone, "I am pulling your leg," it

4. does not mean that you are literally pulling their leg, it means that you are just teasing

5. or having a joke with them. When we describe someone running about like a headless

6. chicken, we mean that the person is panicking and getting stressed out. However, it

7. seems that the phrase "headless chicken" can in fact be taken more literally than other

8. idioms. It is thought that the phrase originated in the fourteenth century in England,

9. when it was observed that some chickens continued to run around even after their

10. heads had been chopped off. While this phenomenon is quite disturbing, it is usually

11. short-lived as most chicken can only survive for a few minutes after decapitation.

12. However, some chickens have defied all, "egg-spectations," and survived for much

13. longer.

Doesn't say he was a chicken farmer.

14. On the 12 November 1904, Herbert Hughes was getting ready for the weekly Sunday

15. dinner at his hotel in Michigan. He went out to the chicken coop and selected the

16. unlucky chicken who was to be the centrepiece for the evening meal. Hughes brought

17. the axe down on the chicken's neck and then took the headless body into the kitchen

18. maid to prepare for dinner. Moments later, Hughes was startled to hear the maid

19. screaming. He arrived in the kitchen just as the hysterical maid flew out of the room.

20. What was the reason for the maid's distress? Hughes soon discovered when he saw that

21. the chicken was walking around the room …. without its head! Hughes decided to keep

22. the chicken and he even gave her a name. Biddy the chicken was kept in a cage with

23. plenty of room to walk around. She was fed regularly and carefully by Hughes who used

24. a syringe to inject food down her throat. Biddy continued her life as a, "normal,"

25. chicken; she flapped her wings, she sat on her perch and seemed to be in no pain or

26. distress. Eighteen days later, on the 30 of November, Biddy sadly died and this time her

27. death was unquestionable.

28. If you think that the story of Biddy the headless chicken is miraculous, then consider the

29. story of another headless chicken who survived for eighteen months! On the 10 of

30. September 1945, Lloyd Olsen and his wife were slaughtering chickens on their farm in

31. Colorado. Like Herbert Hughes, Olsen was using an axe to decapitate the birds and like

32. Hughes, one of the birds miraculously kept running around despite having no head!

33. Olsen was not convinced of the miracle straight away. He put the headless chicken in a

34. crate and left it overnight, probably assuming that the animal would be truly dead by

35. the morning. Morning came, and to his amazement, the chicken was still alive so Olsen

36. decided to keep the bird and he named him Mike. Word began to spread far and wide

37. about, "Miracle Mike," and the story was even reported in Life Magazine. Sensing the

38. popularity of the story, Olsen took Mike on tour around the United States and people

39. flocked to see him. Sadly, on the 17 of March 1947, Mike died in a tragic choking

40. accident. Mike may have died over seventy years ago but his legend lives on in his

41. hometown of Fruita in Colorado. On the third weekend of May, the town celebrates,

42. "Mike the Headless Chicken Day" and events include: the five kilometre run like a

43. chicken race, the egg toss and pin the head on the chicken.

44. These stories are both shocking and entertaining, but the question remains – how did

45. these chickens survive for so long? Dr Tom Smulders is a chicken expert at Newcastle

46. University and he explains that most of a chicken's brain is located at the back of its

47. head. In the case of Miracle Mike, it has been suggested that he survived because part

48. of the brain stem was not damaged by the blow from the axe and remained attached to

49. his body. Since the brain stem controls the rest of the chicken's body, including

50. breathing, digestion and heart rate, Mike continued to live. So essentially, the birds

51. survived because of the specific angle at which the axe struck their necks thus making

52. Biddy and Mike the "cluckiest" chickens alive!

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

According to the passage, what is an idiom?

A A group of words.
B A sentence.
C A phrase that does not mean exactly what it says.
D A phrase that means exactly what it says.
E A joke.

17

Which of the following statements are true about Herbert Hughes? Choose TWO.

1. He was born in 1904.
2. He owned a hotel.
3. He was a chicken farmer.
4. He had a maid.
5. He lived in Colorado.

A 1 and 2
B 2 and 4
C 3 and 5
D 4 and 5
E 1 and 5

18

Why was Herbert Hughes' maid screaming. Choose the best answer based on what you have read.

A She was scared of chickens.
B She was scared of Herbert Hughes.
C She was scared of blood.
D She was screaming with laughter.
E She was screaming because she was shocked.

19

According to the passage, what was Lloyd Olsen's first reaction to the headless chicken?

A He thought that it was a miracle.
B He was frightened.
C He was shocked.
D He was excited.
E He did not think that it was a miracle.

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Please go onto the next page >>>

20   **Which of these statements is true about the story of Miracle Mike?**

     A   It was not very well-known.
     B   It was reported on television.
     C   Mike went on a tour of Michigan.
     (D)   It was reported in a magazine.
     E   It was not very popular.

21   **Which of these statements is true about a chicken's brain?**

     (A)   It is mostly at the back of the head.
     B   It is mostly at the front of the head.
     C   It is very small.
     D   It is very fragile.
     E   It can move around in the head.

22   **According to the passage, what is the main reason why Biddy and Mike survived for so long?**

     A   strength
     B   resilience
     (C)   luck
     D   magic
     E   love

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

23   **Look at lines 22 - 27. How long did Biddy live for after her head had been chopped off?**

                     (18 Days)

24   **What THREE things mentioned in the passage are controlled by the chicken's brain stem?**

     (breathing, digestion, heart rate)

---

25 Which adjective from line 19 tells us that Herbert Hughes' maid was in an uncontrollable panic?

Hysterical

26 Which three-word phrase from line 36 tells us that the story of Miracle Mike was known in many places over a large area?

Far and wide

27 Look at the sentence, "It is thought that the phrase originates…" (lines 8 - 10). Write all the prepositions in this sentence.

in, around, after, off

write once or twice

28 Which one part of speech are the following as they appear in the passage?
mean (line 4)   lives (line 40)   pin (line 43)   controls (line 49)

Verbs

29

Handwritten working: ×65 ÷100 of 12·00

```
  165
×  12
 130
+650
×780
```

UTILITY BILLS
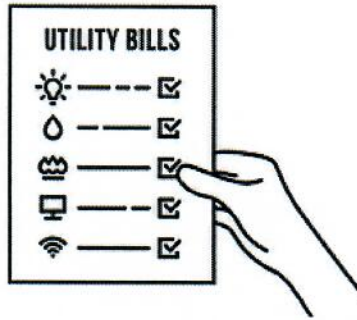
Handwritten working: 30 + 5 = 35%. 100 − 35 = 65%. ↓ 65/100

Sophia has £1200 to spend each month. She spends 30% of this on bills and 5% on food.

How much money does Sophia have left to spend each month after she pays for the bills and food?

A £780   **B** £420   **C** £840   **D** £60   **E** £360

30

Look at the shape below. It is made up of two identical isosceles triangles and a rectangle.

Handwritten working (left): 48cm² — 6 — 16 cm — 8

Handwritten working (right): 6cm | 72cm² | 12cm

```
 72
 48
+48
168 cm²
```

24 cm
5 cm
16 cm
6cm
48cm²
48cm²
12 cm
5 cm
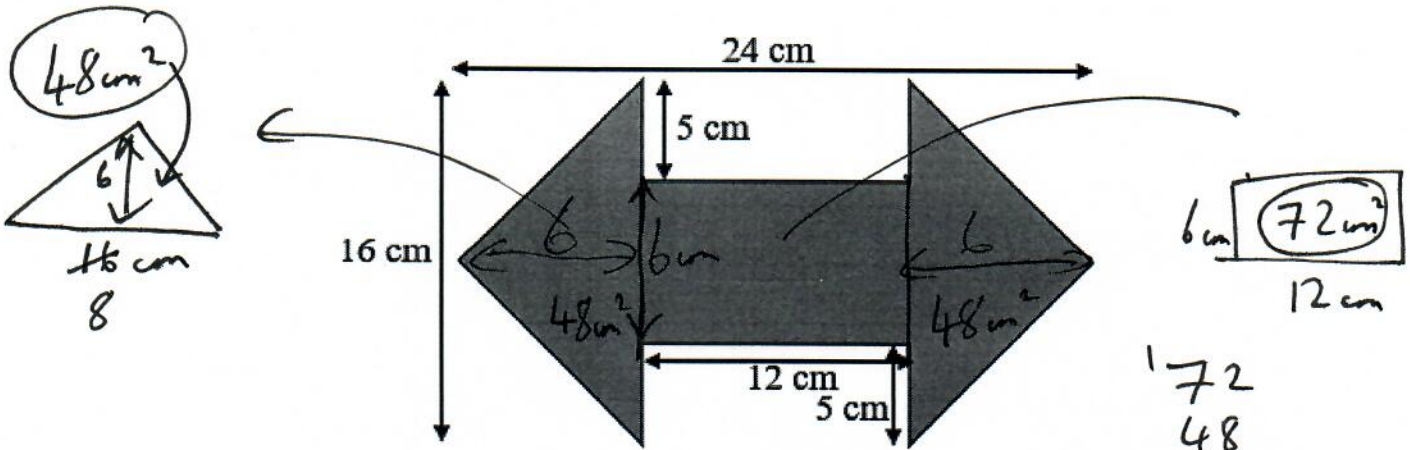
What is the area of the shape?

A 96cm²   **B** 72cm²   **C** 168cm²   **D** 264cm²   **E** 192cm²

Careful with 12.

31

What is 12:28 am as a 24-hour clock time?

A 12:28pm   **B** 14:28   **C** 12:28   **D** 02:28   **E** 00:28

32

Isla's graph can be used to convert between feet and metres.
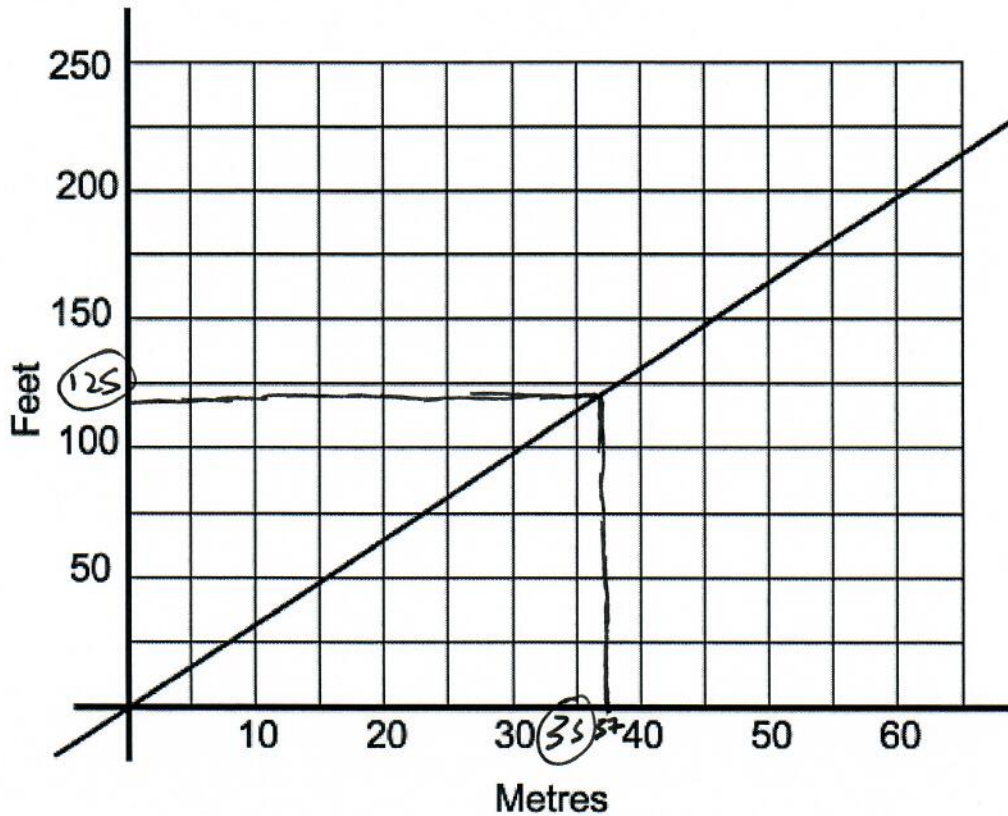
If Isla converted 120 feet to metres using her graph,

what would her answer be?

A 27m   **B** 37m   **C** 32m   **D** 42m   **E** 47m

33

A metal coin contains copper, nickel, zinc, aluminium and tin.

- 30% of the coin is copper. = 30%
- $\frac{18}{40}$ of the coin is nickel. $\frac{18}{40} \div 2 = \frac{9}{20} = \times 5 \frac{45}{100}$ = 45%
- 0.15 of the coin is zinc. = 0.15 = 15%
- 1% of the coin is aluminium. 1%
- The remainder of the coin is tin.

What percentage of the coin is tin?

45
30
15
$+ 1$
$\overline{91\%}$

$100 - 91 = 9\%$

A 30%   B 45%   C 15%   D 9%   E 91%

34

Part of the calendar for August 2021 is shown below.

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14

15
22
29   30   31   1
                  8
                  15   16

Which day of the week will the 16th September be in 2021?

A Mon   B Tues   C Wed   D Thurs   E Fri

(Inverse)
$\div 3$
$\times 5$ of ___ = 57

$\frac{19}{3 \overline{)57}} = \frac{1}{5}$

35

Joseph picks a number. Three fifths of his number is 57.

$\begin{array}{r} 19 \\ \times 4 \\ \hline 76 \end{array}$

What is four fifths of the number that Joseph picked?

A 19   B 81   C 76   D 48   E 63

36

An adult is driving their car. The speed of their car, in kilometres per hour, is shown on the scale below.

1 2 3 (4)
+3 +3 +3 +3
36 39 42 45 48
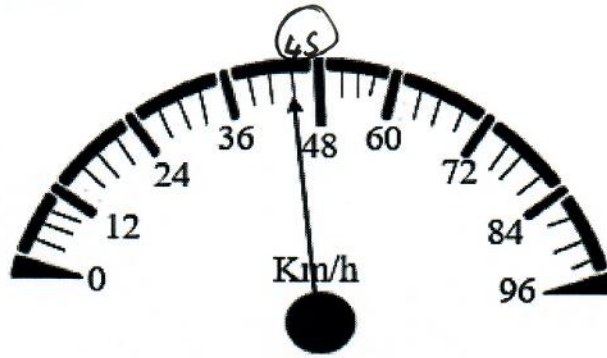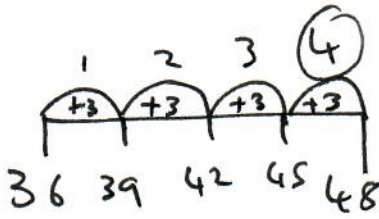
48
-3 6
_____
1 2 ÷4 = 3

What is the speed of the car?

A 42.5km/h   B 44km/h   C 42km/h   D 43km/h   (E 45km/h)

37

Molly is preparing for a race. On her first day of training, she runs (9)miles. Her training program requires that she must run 4 miles more than the day before. (+4)

How many miles will Molly have run in total after seven days of training?

A 94   B 129   C 63   D 33   (E 147)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 9 | 13 | 17 | 21 | 25 | 29 | 33 |
39   46   62

62
46
+39
____
147
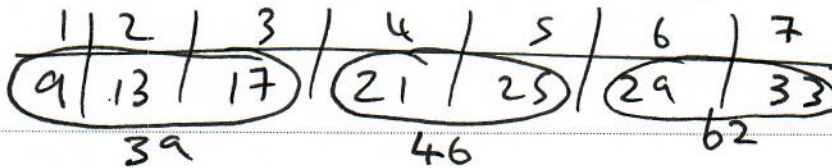
38

In August 99,538 people visited a park.

What is this number rounded to the nearest thousand?

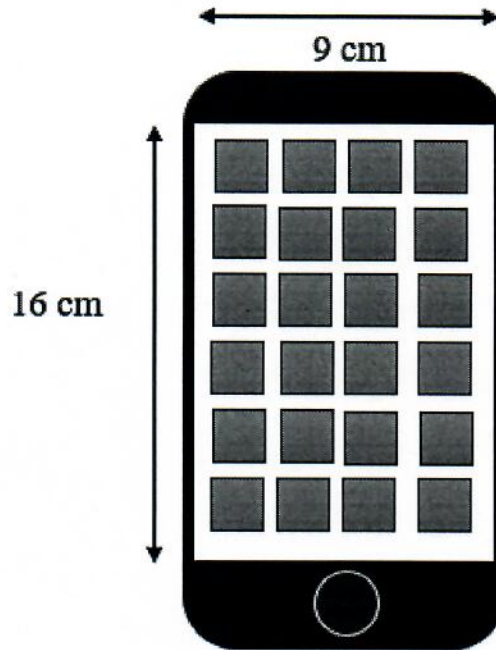A 99,000   B 110,00   C 99,900   (D 100,000)   E 1,000,000

TH
9 9 (5) 3 8

1 0 0 , 0 0 0
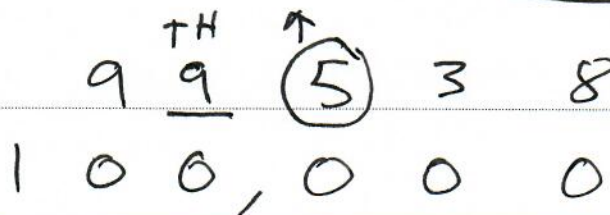
39

Look at the mobile phone below. The home screen of the mobile phone is a rectangle, measuring 16 cm by 9 cm. There are 24 apps on the home screen. Each app is represented by a shaded square, measuring 2 cm by 2 cm.

9 cm

16 cm

$$\begin{array}{r} {}^{5}16 \\ \times\ 9 \\ \hline 144 \end{array} = \text{screen}$$

$$2 \times 2 = 4$$

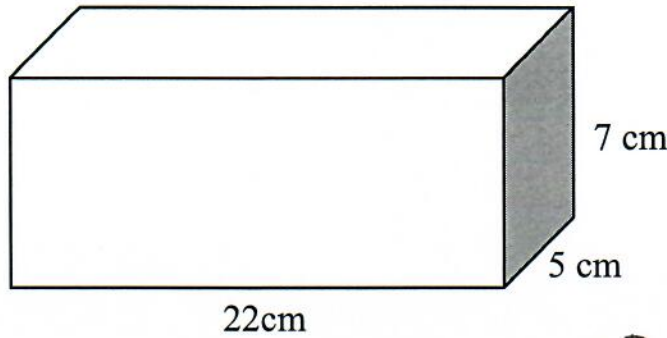$$\begin{array}{r} 124 \\ \times\ 4 \\ \hline \text{Apps} = 96 \end{array}$$

What is the area of the home screen which is not covered by apps?

A 96cm²

B 48cm²

C 144cm²

D 240cm²

E 64cm²

$$\begin{array}{r} {}^{1}{\cancel{\text{1}}}^{3}\cancel{4}\,^{1}4 \\ -\ 96 \\ \hline 48 \end{array}$$

40

A plastic container is in the shape of a cuboid as shown below.

7 cm

5 cm

22cm

(Three-fifths) of the container is filled with liquid.

What is the volume of the liquid in the container?

A 462cm³   B 110cm³   C 154cm³   D 770cm³   E 308cm³

Handwritten working:

$\begin{array}{r} 22 \\ \times\ 5 \\ \hline 110 \\ \times\ 7 \\ \hline 770 \end{array}$

$\times \frac{3}{5}$ of 770

$5\overline{)770}$ = 154

$\begin{array}{r} 154 \\ \times\ 3 \\ \hline 462 \end{array}$

41

Jean has been asked to find the product of the 5th prime number, the 5th Triangular number and the 5th square number.
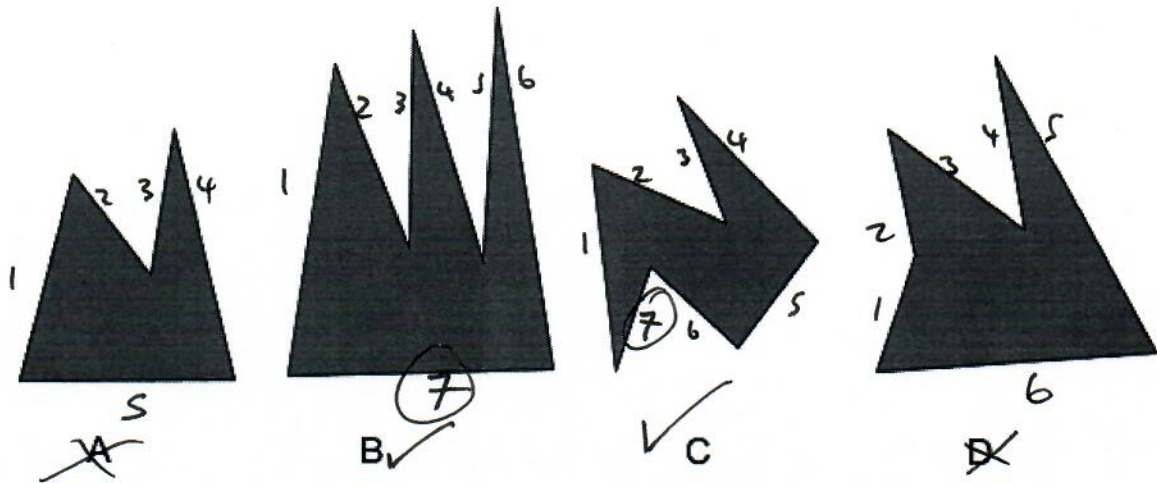
What should her answer be?

A 3375   B 51   C 4125   D 15   E 125

Handwritten working:

2, 3, 5, 7, 11   1, 3, 6, 10, 15

$\begin{array}{r} 15 \\ \times\ 11 \\ \hline 15 \\ 150 \\ \hline 165 \end{array}$

$\begin{array}{r} 165 \\ \times\ 25 \\ \hline 825 \\ 3300 \\ \hline 4125 \end{array}$

25

42 Look at the polygons below.

A B✓ 7 ✓C D✗

7 sides

What are the letters of the two shapes that are heptagons?

A A,C   **B** C,D   **C** D,A   **D** B,C   **E** D,B

43

$$\frac{3}{10} = \frac{6}{20}$$

$$\frac{6}{20} + \frac{9}{20} = \frac{15}{20}$$

$$\frac{15}{20} \div 5 = \frac{3}{4}$$

A baker makes a cake.

They give $\frac{3}{10}$ of the cake to their sister and $\frac{9}{20}$ of the cake to their brother.

which means $\frac{1}{4}$ left for the baker.

What fraction of the cake is left for the baker?

A $\frac{3}{4}$ **B** $\frac{1}{3}$ **C** $\frac{2}{5}$ **D** $\frac{1}{10}$ **E** $\frac{1}{4}$
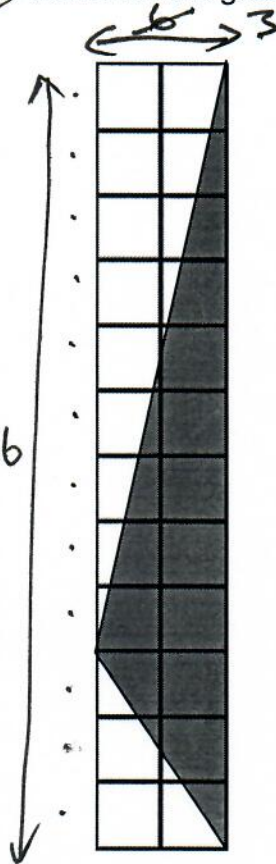
44

½ something (handwritten)

Look at the shaded triangle drawn on the grid below. Each square on the grid has sides of length 3 cm.

6 → 3 (handwritten)

$12 \times 3 = 36$ 36

$$\begin{array}{r} {}^1 36 \\ \times\ 3 \\ \hline 10\ 8 \end{array}$$

What is the area of the shaded triangle?

A 108cm²   **B** 12cm²   **C** 216cm²   **D** 24cm²   **E** 48cm²

45

A chef wants to cook a 1.5 kg chicken. The instructions say that it must be cooked for 60 minutes per kg and then left for 37 minutes before it is ready to be served.

How long in total will it take before the chicken is ready to be served?

A 1hr 37mins   **B** 2hrs 17mins   **C** 2hrs 7mins   **D** 2hrs 37mins   **E** 1hr 50mins

1kg = 60mins   ½ kg = 30mins

$$\begin{array}{r} 90 \\ +37 \\ \hline 127 \end{array}$$ mins = 2hrs 7mins

46

$436 - ? = 34.5$

What number must be subtracted from 436 to make 34.5?

A 237.5   B 345   C 401.5   D 410.5   E 470.5

$$\begin{array}{r} 43\overset{5\ 1}{6}.0 \\ -\ 34.5 \\ \hline 401.5 \end{array}$$

47

A pupil does seven practice tests over the holidays. Below are the scores they achieved for tests 1-6.

- Test 1 = 29
- Test 2 = 24
- Test 3 = 27
- Test 4 = 22
- Test 5 = 28
- Test 6 = 30

Test 7 = ?

What was their score for test 7 if their mean (average) score for the seven tests was 26?

$? \times 7 = 26$

$26 \times 7 = 182$

A 26   B 24   C 27   D 22   E 23

$$\begin{array}{r} 51 \\ 59 \\ +\ 50 \\ \hline 160 \end{array}$$

$$\begin{array}{r} 182 \\ -160 \\ \hline 022 \end{array}$$

48

Will arrives at school just as the 09:15 bell rings. It took him 29 minutes to travel to school from home. Will's watch was 22 minutes slow when they left home.

What time did Will's watch show when they left home?

A 09:08   B 08:24   C 09:15   D 08:46   E 08:22

$$\begin{array}{r} 0\overset{8}{9}:\overset{6}{\cancel{7}}'s \\ -\ \ 29 \\ \hline 08:46 \end{array}$$

$$\begin{array}{r} 08:46 \\ -00:22 \\ \hline 08:24 \end{array}$$

49

Look at the diagram below. A rectangular sheep pen is to be built against part of a wall. Fencing is placed around the other three sides of the rectangle. One side of the pen must be 15 m long. The area of the pen must be 105 m².

Wall

105m²
Sheep Pen

7m

Fencing

15 m

14
+15
29

7
3 | 021
5 | 105
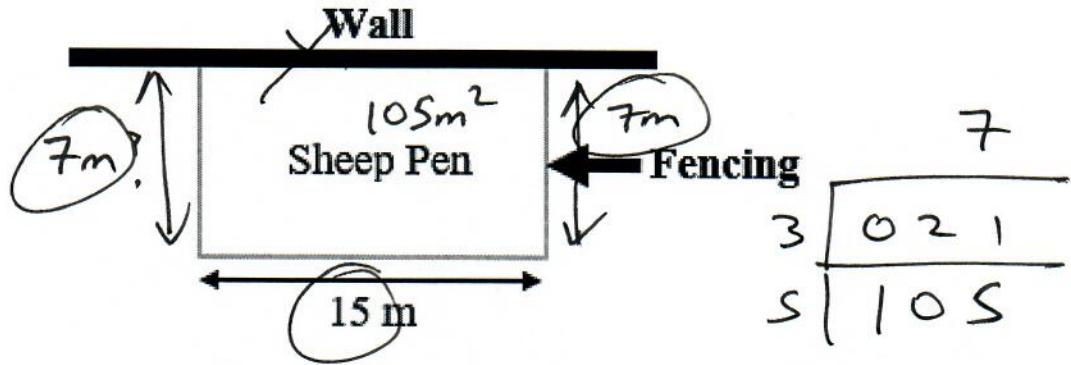
What is the total length of fencing needed to build the sheep pen?

A 7m   B 22m   C 44m   D 14m   E 29m

50

Look at the sentence below. Two words are missing from this sentence.

125 is _____ of 25.

25 x 5 = 125

Which words below can be inserted into the above sentence to make it true?

A) a factor

B) a multiple

C) the square

D) the cube

E) a prime

A A   B B   C C   D D   E E

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

A phone user has created a passcode for the mobile phone. Here is some information about it.

- It is a 4 digit number.

- The digits increase in size from right to left.

- Each digit appears only once.

- The first and last digits multiply to give 12.

- The middle two digits add to give 9.

- All the digits add to make 17.

1×12
2×6
3×4

$1 + 8$
$2 + 7$
$3 + 6$
$4 + 5$

$17 - 8 = 9$
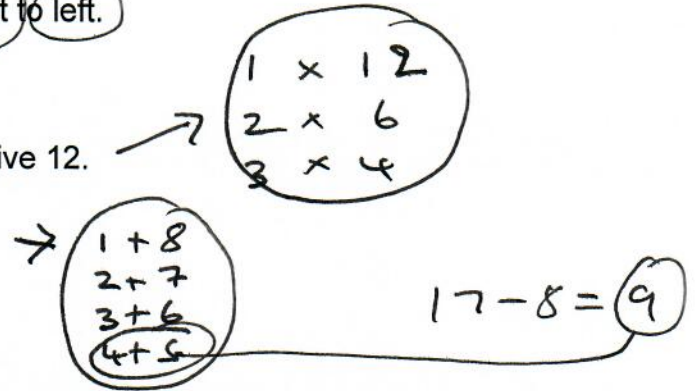
What are the 4 digits of the passcode in the correct spaces below?

6	5	4	2
(left)			(right)
biggest			smallest

52

Look at the statement below.

157 - 146 = 341 ÷ K

What is the value of K?

157
-146
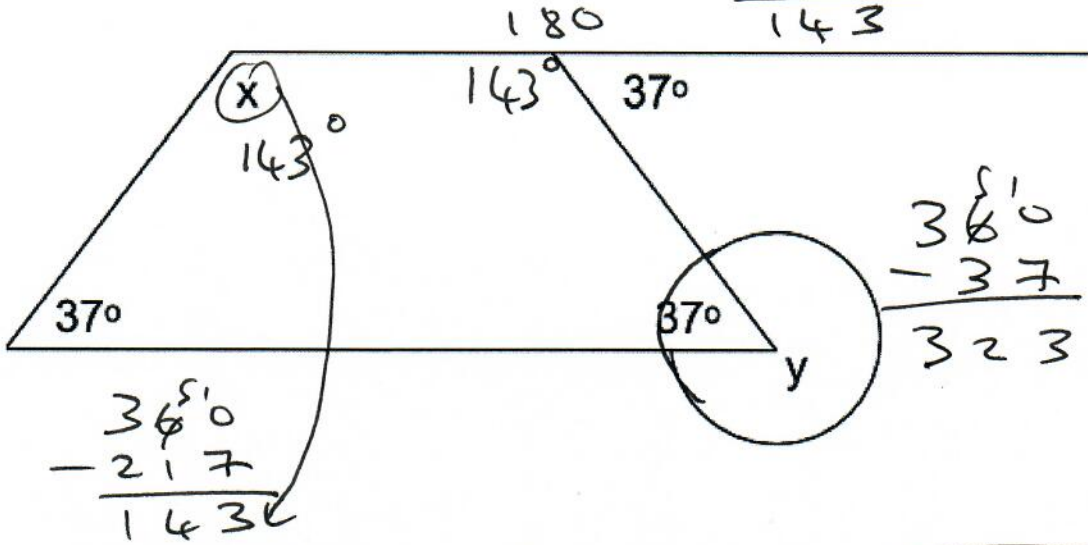$\overline{011}$

$11 = 341 \div k$
or
$341 \div k = 11$

$K = 31$

$\begin{array}{r} 031 \\ 11 \overline{\smash{)}341} \end{array}$

53

Look at the trapezium below.

$$\begin{array}{r} 7 \\ 1\,8\,6 \\ -\ 3\,7 \\ \hline 1\,4\,3 \end{array}$$

180

143° 37°

x

143°

37°

37°

y

37°

$$\begin{array}{r} {}^{5}3\,6^{1}0 \\ -\ 3\,7 \\ \hline 3\,2\,3 \end{array}$$

$$\begin{array}{r} 1 \\ 1\,4\,3 \\ 3\,7 \\ +\ 3\,7 \\ \hline 2\,1\,7 \end{array}$$

$$\begin{array}{r} {}^{5}3\,6^{1}0 \\ -\ 2\,1\,7 \\ \hline 1\,4\,3 \end{array}$$

What is the size of angle x and y?

$$x = 143°$$

$$y = 323°$$

54

11 12 1
10   2
9   3
8   4
7   6   5
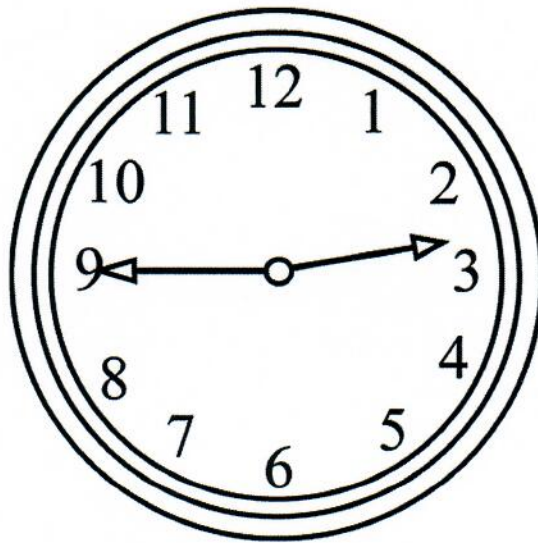
```
1 = 60
2 = 120
3 = 180
4 = 240
5 = 300
6 = 360
7 = 420
8 = 480
```

What is 472 minutes in hours and minutes?

$$\begin{array}{r} 4\,2\,0 \\ \hline 0\,5\,2 \text{ mins} \end{array}$$

7 hours   52 mins

55

Alfie and Louise each pick a number.

The product of their numbers is 705.

Alfie picked the number 15.

Handwritten: Louise × 15 = 705 (Alfie)

What is the difference between the two numbers that Alfie and Louise picked?

Handwritten:
Louise = 47
Alfie = -15
32

32 (circled)

Handwritten division working: 047, 3, 1 4²1, 5 | 7²0 5

56

Dots are painted on each face of a cube.

The number of dots on opposite faces of the cube add up to 7.

Net A   Net B   Net C

Handwritten annotations: Net A ✗ =6, Net B ✗ =1, Net C =7, =7, =7 (Net C circled)
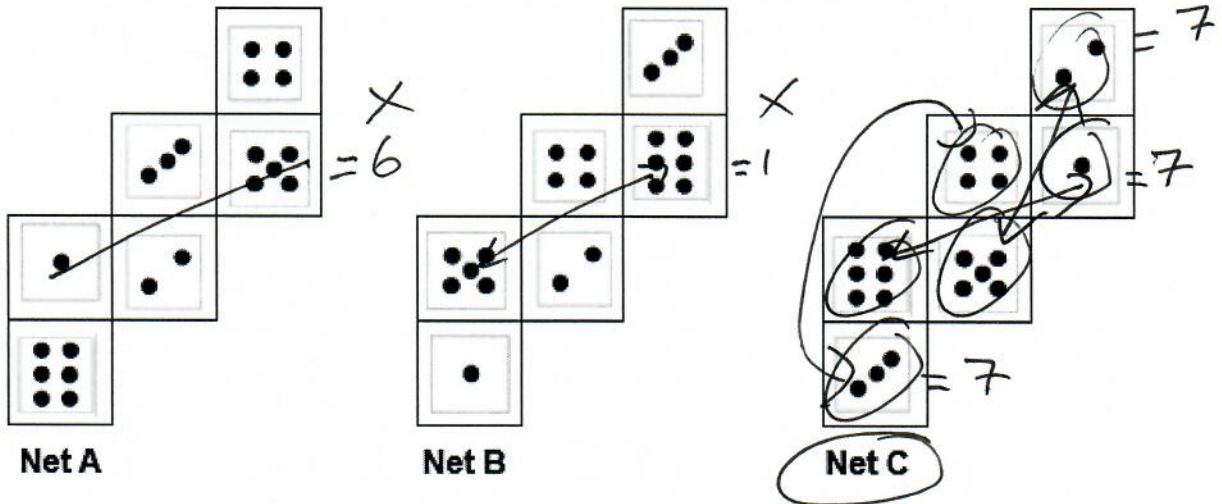
Which of the following is a net of the cube?

Handwritten: Net C (circled)