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ENTRANCE ASSESSMENT

Practice Paper 20

'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 Rising sea levels, hotter weather and increased levels of droughts are a direct
A B C
result of global warming.
D N
- 2 "Why dont we try the new Indian restaurant for dinner this evening?" asked Evan, hoping
A B C
that his parents would say yes.
D N
- 3 Sydney is the capital City of New South Wales, and one of the largest cities in Australia.
A B C D N
- 4 My parents' house is just five minutes away from the house I am buying.
A B C D N
- 5 Catriona used carrots, leeks, onions and potatoes to make a delicious soup for her lunch.
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 I pretended to be asleep because alternatively so while and

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

I wanted to play on my games console after my parents had checked in on me.

7 The shipwreck lay dormant inactive undisturbed mistreated peaceful

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

at the bottom of the ocean for 84 years.

8 The answer to the first question in the exam left Mrs Robinson completely perplexed

A

baffling inexplicable mystifying mysterious

B **C** **D** **E**

9 It was selected chosen certain decided preferred by my parents

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

that I would stop going to my swimming club every Saturday morning.

10 After the collision in which Aimee hit her head, the doctor quizzed the patient, hoping she would give obscure ambivalent ambiguous misleading coherent responses.

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

- 11 On Saturday, Nathaniel and Emily went to the ^{museum} museum with their granny and grandad.
 A B C D N
- 12 The Sahara is the largest hot ^{desert} dessert in the world, measuring around 9.2 million square kilometres.
 A B C D N
- 13 We went to the newly opened deli in town to buy a platter of ^{sandwiches} sandwiches for our business meeting.
 A B C D N
- 14 We were all pretty amazed at how fluent he was in two ^{foreign} foriegn languages.
 A B C D N
- 15 The blue whale has a lifespan of eighty to ninety years in the wild and is currently endangered.
 A B C D N

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

'A Pattern of Secrets' by Lyndsey Littleson

1. Ma's voice, ragged with panic, tore through my dream. I woke
2. with a start, heart racing. Then lay, still as death, and listened.
3. 'We've no choice.' Dad's words seemed slurred, and I guessed
4. he'd been drinking.
5. 'D'ye think for one moment this is what I want?'
6. 'But we can't, Frank. You can't mean it! You're a skilled weaver.
7. The poorhouse isn't for the likes of us!'
8. So, my father *had* mentioned the poorhouse...
9. I thought I'd dreamt it; but this was real, and more terrifying
10. than any nightmare.
11. Our one-roomed flat was spooky with shadows, lit by a single,
12. spluttering candle. Ma stood by the range, twisting her apron in her
13. hands. Her face was pale, her eyes wild in the candlelight. My father
14. slumped in Ma's rocking chair, his head in his hands.
15. I tried to shout, but choked, as though someone had me by the throat.
16. 'The poorhouse?'
17. Ma spun round, her face contorted with anger.
18. 'You're meant tae be asleep!'
19. I stumbled to my feet, stung by the injustice. My brother, Andrew, rolled
20. over in the truckled bed, taking our shared blanket with him.
21. He murmured in his sleep, oblivious to the fact his world was about to be
22. turned upside down.

23. 'I was sleepin,' but I was woken by al' the yellin'. 'It's a wonder you haven't
24. woken the whole street wi' your racket.'
25. Stomping over to the window, I stared out. Apart from a skinny cat,
26. St James Street was empty, the light from the gas lamps pooling on wet
27. cobbles. Rain pattered against the glass; wind whistled through the gaps in
28. the frame. This flat wasn't in great shape, but it was all we had. And now it
29. seemed, we'd lost it.
30. 'Go back tae bed, Jim,' signed Ma. 'You're no helpin', standin ' there wi'
31. a face like thunder.'
32. I turned on her, anger masking my fear.
33. 'Stop takin' this out on me, will you? I'm no' the one to blame! We're in a
34. hole alright.' My mother jerked her head towards my father, huddled in the
35. rocker. 'He dug it himself and now he's burying us in the same bleedin'
36. plot.' I grabbed my father by the shoulders, desperate to shake him back to sense.
37. 'Dad, what's goin' on? What's happened?'
38. My father raised his head. His eyes brimmed with tears. My stomach
39. clenched as I watched the tears glisten as they spilled, unchecked, down
40. his gaunt face. I took a step back and wiped my hand on my shirt, as
41. though Dad had a disease I might catch.
42. 'We're behind wi' the rent. Six months behind.' Dad's voice sounded dull,
43. leeches of hope. 'And I cannae get a job, can I? Nobody needs a weaver these days.'
44. 'Maybe you should've stayed out of the pub,' said my mother sourly.
45. 'And we wouldn't be in this mess.'

'A Pattern of Secrets' by Lyndsey Littleton

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 word located between lines 38-45 means the same as 'being slowly taken away'?

- A brimmed
- B clenched
- C sourly
- D spilled
- E leeches

17

'Then lay, still as death' and, 'a face like thunder' are both used in the text. What type of literary devices are these examples of?

- A personification
- B similes
- C metaphors
- D alliteration
- E rhymes

18

Which word located between lines 12-21 means the same as, 'a level of unfairness shown to someone' ?

- A oblivious
- B murmured
- C slumped
- D spluttering
- E injustice

19

What does the phrase 'oblivious to the fact his world was about to be turned upside down,' mean?

- A He was to blame for the current situation.
- B He was unaware of how his life was about to change for the worse.**
- C He knew that things were going to change immediately.
- D He was burying his head in the sand.
- E He was sleeping peacefully and was ignoring the tense situation.

20

Which of the following phrases from the text shows that Jim's mum holds her husband responsible for their unfortunate situation and the impact it is having on their family?

- A 'But we can't, Frank. You can't mean it!
- B 'D'ye think for one moment this is what I want?
- C 'Stop takin' this out on me, will you?'
- D 'He dug it himself and now he's burying us in the same bleedin plot'**
- E 'You're no helpin', standin ' there wi' a face like thunder.'

21

Where do Jim and his family currently live?

- A A large city
- B The poorhouse
- C A small flat**
- D Above a pub
- E A large family home

22

Jim's mother believes that there was one way her husband could have avoided the whole situation that they are now in. What reason does she give?

- A He should have stayed out of the pub and focused on his weaving.
- B He should have got a job in a pub.
- C He should have learnt a different skill/trade.
- D He was always angry and didn't handle issues appropriately.
- E He spent too much time huddled in the rocking chair.

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

23

Why does mum tell Jim to go back to bed on line 30?

Because he's not helping.

24

What is meant by the phrase 'anger masking my fear' in line 32?

He is trying to hide his true emotions.

25

What two reasons does Jim's dad attribute as the main cause of the situation they have found themselves in?

He couldn't get a job
Nobody needed a weaver.

26 Based on your reading and understanding of the text, how would you describe the relationship between Jim's mother and father?

strained / tense / quarrelsome / always arguing
unhappy / troubled.

27 Lines 40-41 - 'I watched the tears glisten as they spilled, unchecked, down his gaunt face.'

What do you think this illustrates about Jim's Dad's emotions at this point of the text?

He is upset and crying.

28 'Ma's voice, ragged with panic, tore through my dream. I woke with a start, heart racing...'

Describe the situation that Jim has woken up to.

He woke up to his parents arguing.

Maths - Main Test

29

A window cleaner charges £4.50 per half an hour.
His cleaning schedule is shown below for a typical week:

Job Type	Monday	Tuesday	Wednesday	Thursday	Friday
Full house clean Time required: 1 hour	3 houses	1 house	4 houses <u> </u> = 8	6 houses	2 houses
Half house clean Time required: 30 minutes	5 houses	6 houses	3 houses <u> </u> = 12	0 houses	8 houses

How much will he make on a Wednesday if he completes his schedule as usual?

A £31.50

B £18.00

C £36.00

D £49.50

E £53.50

30

Nathaniel has 287 Pokémon cards. While at school, he takes part in a trade and acquires an extra 39 cards. How many cards does he have to the nearest 10?

$$\begin{array}{r} 287 \\ + 139 \\ \hline 426 \end{array}$$

A 330

B 290

C 326

D 300

E 340

31

In which statement does W represent the largest value?

A $2 \times W = 40 \Rightarrow 20$

B $W - 30 = 2 \Rightarrow 32$

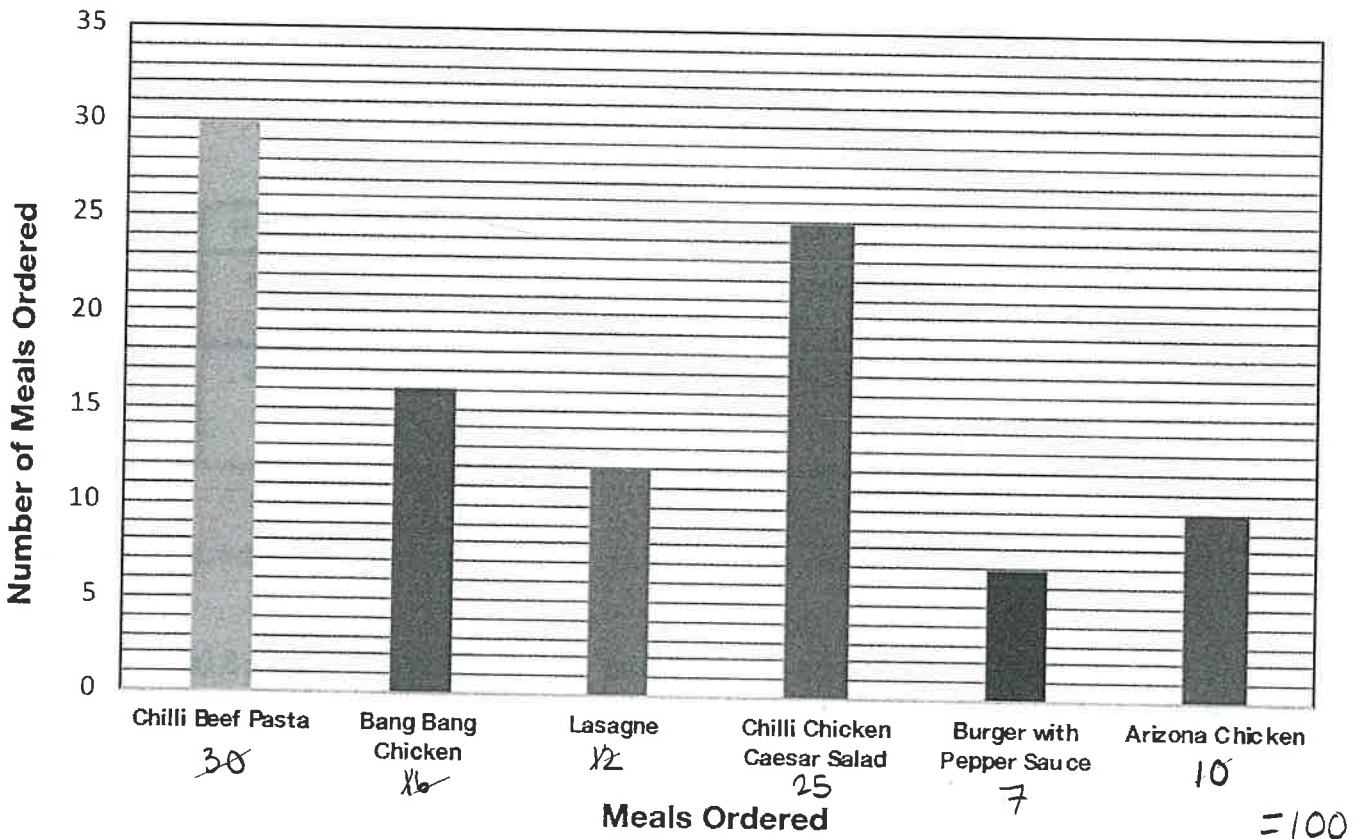
C $18 - 6 = 3 \times W \Rightarrow 4$

D $W + 11 = 22 \Rightarrow 11$

E $7 + 17 = W \Rightarrow 24$

32

The following graph shows the different meals ordered by customers at a local restaurant.

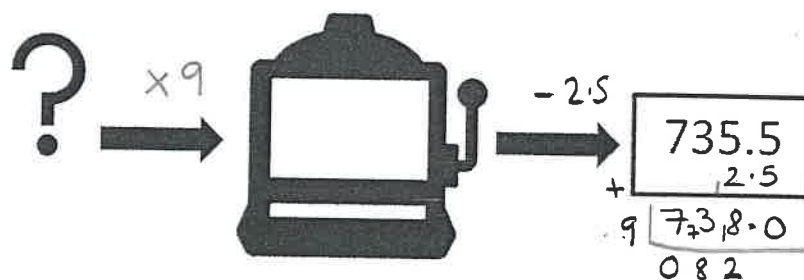


Based on the graph above, what percentage of the meals ordered were the Chilli Beef Pasta dish?

- A 25% B 75% **C 30%** D 10% E 80%

33

The function machine below takes a number, multiplies it by 9 and then subtracts 2.5.



What number did the function machine start with?

- A 70 B 73.5 C 75 D 85.5 **E 82**

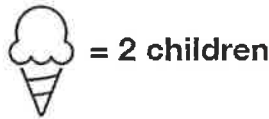
34

Two of the following 3-D shapes have the exact same number of faces, edges, and vertices. Select the option which has the two correct shapes.

- A Squared-based Pyramid and Triangular Prism
- B Tetrahedron and Square-based Pyramid
- C Cube and Cuboid**
- D Sphere and Cylinder
- E Cone and Cylinder

35

The pictograph below shows the favourite flavours of ice cream held by P6 and P7 pupils at a local primary school.



Ice Cream Flavour	P6 Votes	P7 Votes
Strawberry		
Vanilla		
Mint-Chocolate Chip		
Belgian Chocolate		
Bubble-gum		
Salted Caramel		

23

24

How many pupils in P6 preferred Belgian Chocolate ice cream?

- A 12
- B 11**
- C 6
- D 23
- E 9

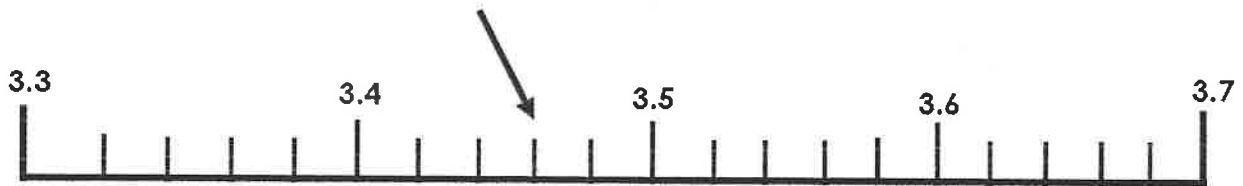
36

Look again at the pictograph in question 35. Overall, which flavour of ice cream was the most popular?

- A Salted Caramel**
- B Bubble-gum
- C Belgian Chocolate
- D Strawberry
- E Vanilla

37

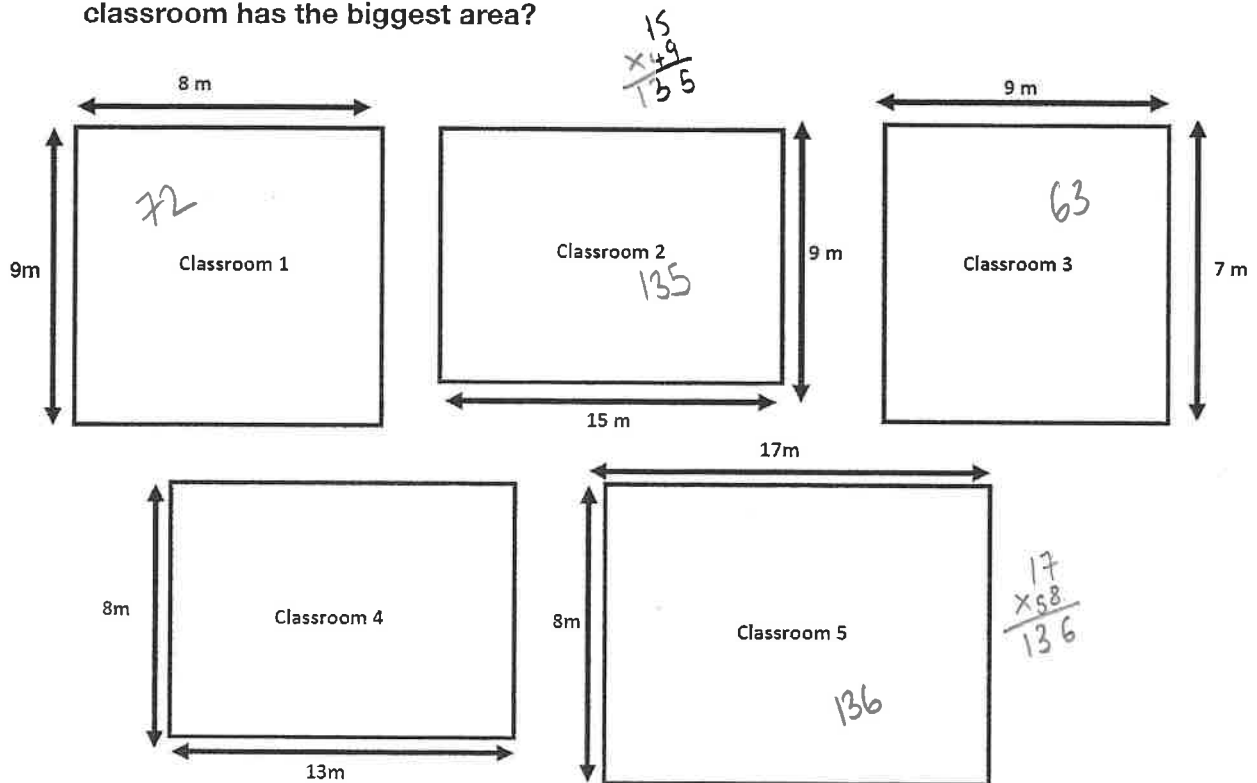
A number line is shown below.
What number is the arrow pointing to?



- A 3.43 B 3.6 C 3.48 **D 3.46** E 3.45

38

Five teachers are comparing the size of their classrooms to see who has the biggest space. Their classrooms are shown below with two measurements provided. Which classroom has the biggest area?



- A Classroom 1
B Classroom 2
C Classroom 3
D Classroom 4
E Classroom 5

39

Sally bakes a batch of chocolate chip cookies. She shares 2 tenths of the cookies with her niece. If she gave 8 cookies to her niece, how many cookies did she bake in total?



$\frac{2}{10} = 8$ $\frac{1}{10} = 4$

A 40 cookies

B 32 cookies

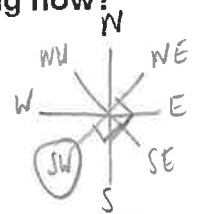
C 28 cookies

D 4 cookies

E 36 cookies

40

Hannah is competing in a national trampolining championship. When she steps on the trampoline, she is facing Northeast. She completes a somersault which includes 2 quarter turns. What direction is she facing now?



A Northeast

B South

C Southwest

D West

E Southeast

41

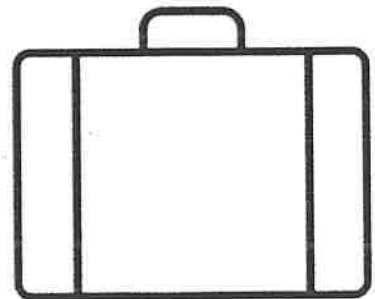
Ollie buys a new suitcase for his school residential trip to Edinburgh. Based on the dimensions of the suitcase below, what is the volume of his suitcase?

L = 25cm

W = 8cm

H = 13cm

$$\begin{array}{r} 25 \\ \times 48 \\ \hline 200 \end{array}$$
 200



A 200 cm³

B 3200 cm³

C 2000 cm³

D 2600 cm³

E 325 cm³

42

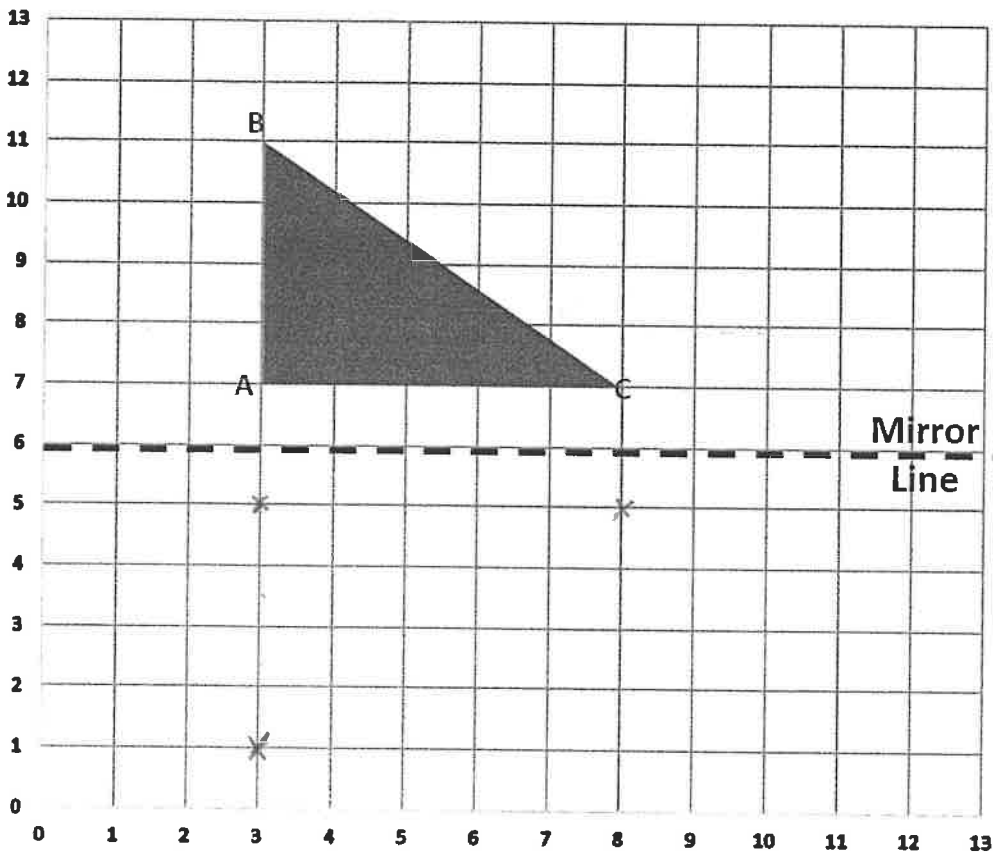
At an after school club, the snack consists of an orange cordial and a biscuit. The jug that contains the orange cordial can hold 1.82 litres. How much would each person get if there were 7 people at the after school club who wanted orange cordial?

$$\begin{array}{r} 0260 \\ 7 \overline{) 1820} \end{array}$$

- A 26 ml **B 0.26 l** C 910 ml D 12.74 l E 112 ml

43

A right-angled triangle is drawn in the grid below. When reflected across the mirror, what will be the coordinates of point B?



- A (3,5) B (1,3) **C (3,1)** D (3,2) E (1,2)

44

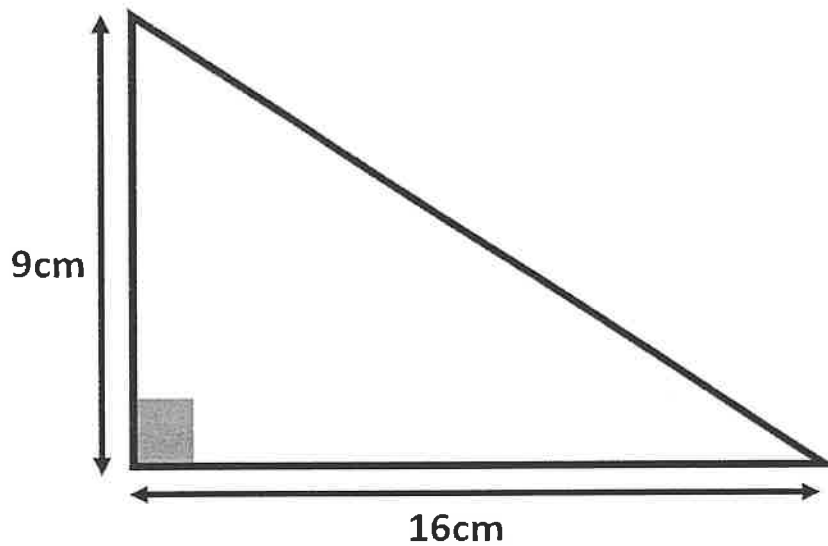
Mark bought 30 tokens when at a fair with his daughter Katie. Katie used the tokens to go on 3 rides which left her with 12 tokens remaining. What fraction of her tokens did she use to go on the rides?

$$\frac{18}{30} = \frac{3}{5}$$

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

45

Calculate the area of the shape below using the correct formula.



$$\begin{array}{r} 16 \\ \times 9 \\ \hline 144 \\ 072 \\ \hline \end{array}$$

A 64 cm^2 B 144 cm^2 C 36 cm^2 D 41 cm^2 E 72 cm^2

46

Alfie throws a regular six-sided die when playing a board game. What is the probability that the die will land on an odd number?



A Certain

B Likely

C Even

D Unlikely

E Impossible

47

Rob is saving to buy his first house. He earns £1785.00 a month and makes the decision to save three-fifths of his monthly wage. How much of his monthly wage does he put into savings?

$$\begin{array}{r} 0357 \\ 5 \overline{) 1785} \end{array}$$

$$\begin{array}{r} 357 \\ \times 123 \\ \hline 1071 \end{array}$$

A £1,071.00

B £357.00

C £714.00

D £1338.75

E £1428.00

48

Which of the following decimal numbers is equivalent to $\frac{2}{5}$?

A 0.2

B 0.4

C 0.6

D 0.25

E 0.65

49

Gaby and Mike take their parents out for lunch and split the cost of the total bill between them.

The total bill comes to £47.60. If they split the bill where Mike pays for a quarter of it, how much does Gaby pay in total?

$$\begin{array}{r} 11.90 \\ 4 \overline{) 47.60} \end{array}$$

$$\begin{array}{r} 47.60 \\ - 11.90 \\ \hline 35.70 \end{array}$$

A £23.80

B £11.90

C £35.70

D £9.52

E £28.56

50

The coach of a football team is waiting for his team to arrive for practice. The clock on the changing room wall shows the time as 08:45am. When the coach checks the time on his watch, he realises that the clock on the wall is fast.

He winds the clock back through 150° so that the minute hand is in the correct position. What time should the clock be showing?

A 08:50 am

B 09:05 am

C 08:15 am

D 08:20 am

E 09:10 am



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

51

Gareth takes his dog Daisy for a walk on Thursday and Friday night. On Thursday they walk 3.450 km, and on Friday they walk 65 metres further than the night before. What distance did they walk on Friday?

$$\begin{array}{r} 3450 \\ + \quad 65 \\ \hline 3515 \end{array}$$

3.515 km

52

A young musician records their first ever album at a recording studio. Their album consists of 6 tracks:

Track 1: 04:49

Track 2: 04:36

Track 3: 03:43

Track 4: 05:52

Track 5: 05:25

Track 6: 04:35

1512

$$\begin{array}{r} 12.28 \\ 15.12 \\ \hline 27.40 \end{array}$$

How many minutes would it take to listen to the album from start to finish?

28 mins.

53

Kate and Hannah are having some of their friends around from school. They have a large drinks dispenser which they fill with lemonade, berries and mint. If the bottle of lemonade that they are filling it with holds 650ml and the dispenser can hold 8 bottles, what capacity can the drinks dispenser hold? (Write your answer in litres)

$$\begin{array}{r} 650 \\ \times 8 \\ \hline 5200 \end{array}$$

5.2ltr

54

An engineering competition is taking place to design a bridge from cardboard. The bridge has to be able to hold a weight of over 1.5kg. Six groups submit bridges to be judged and the weight that each bridge held before collapsing is recorded below.

Group	Weight held
Group 1	1252g 1252 1
Group 2	1.48kg 1480
Group 4	1375g 1375
Group 5	1.51kg 1510 1
Group 6	1491g 1491

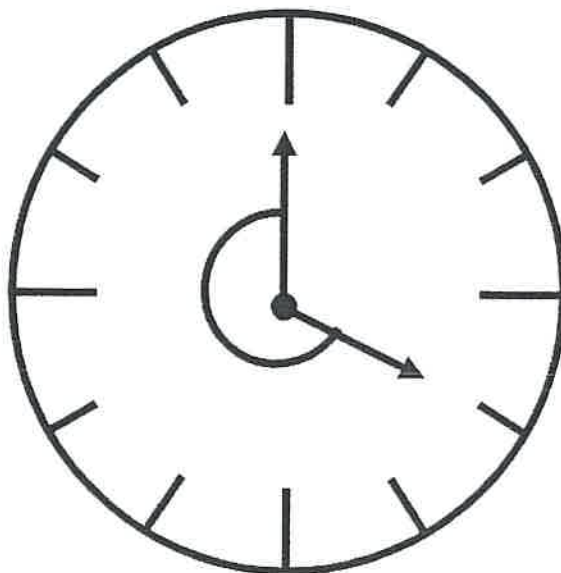
What is the range of weight that the bridges were able to hold?
(Write your answer in grams)

$$\begin{array}{r} 1480 \\ - 1252 \\ \hline 228 \end{array}$$

258 gr

55

Below is an analogue clock showing the time of 4:00 pm. An angle is drawn between the clock's hands. What type of angle has been drawn?



Reflex

56

Jake loses one of his baby teeth and puts it under his pillow for the tooth fairy. She leaves him a £2 coin.

Then he loses both his two front teeth within 2 weeks and gets £1.75 for each tooth.

Over the next 6 months, another 2 of his teeth fall out but this time he gets £1.35 for each tooth.

Jake has seen a toy that he would like to buy with the money from the tooth fairy. If the toy costs £9, how much more money does he need to save to buy it? Give your answer in pence.

$$\begin{array}{r} 2.00 \\ 1.75 \\ 1.75 \\ 1.35 \\ \hline 12.35 \\ \hline 8.20 \end{array}$$

80p.

