

Maths Paper A

Maths Paper B

1. 13

2. 2

3. E

4. 21m^2

5. 4

6. $\frac{1}{8}$

7. D

8. 17°C

9. 51

10. C

11. B

12. 5

13. 0.7kg

14. D

15. C

16. 0.049

17. £5.65

18. 22m

19. 60%

20. C

21. C

22. 60

23. 198

24. D

25. £3

26. B

27. 13

28. C

29. Friday

30. SW

31. $\frac{1}{6}$

32. 3

33. 60p

34. $\frac{3}{4}$

35. 159°

36. 16

37. 11:27

38. 88

39. 33m^2

40. 3

41. D

42. 1 : 200

43. 5

44. $\frac{2}{6}$

45. 15m

46. 5.674

47. 3,434

48. 644

49. £57.66

50. 11 mins

1. 26.5 litres

2. 2

3. 0.81kg

4. 36m^2

5. D

6. 8

7. C

8. 621.74

9. 72

10. E

11. 11:10

12. B

13. 23

14. 27

15. A

16. 15

17. 15

18. 49p

19. C

20. 816cm^3

21. 72

22. D

23. 9

24. 8

25. D

26. $\frac{4}{9}$

27. $x + 18$

28. 39

29. A

30. S

31. C

32. B

33. $\frac{1}{5}$

34. 225°

35. D

36. B

37. £15

38. 176m^2

39. 91

40. E

41. £1.44

42. 90km

43. £36

44. C

45. £7.90

46. 80cm^3

47. Apples

48. 15m

49. C

50. 2:15pm

Maths Paper C

Maths Paper D

1.	129	31.	34m ²	1.	48	31.	C
2.	A	32.	£44.66	2.	B	32.	E
3.	3	33.	360miles	3.	B	33.	3.98kg
4.	96cm ²	34.	£4.15	4.	53m ²	34.	A
5.	D	35.	D	5.	3°C	35.	C
6.	8	36.	(6, 3)	6.	25%	36.	5
7.	C	37.	$\frac{3}{7}$	7.	D	37.	15
8.	D	38.	300	8.	2.05	38.	5
9.	10	39.	$\frac{1}{7}$	9.	B	39.	B
10.	5	40.	13	10.	3 : 2	40.	$\frac{1}{3}$
11.	6	41.	D	11.	259	41.	7
12.	46°C	42.	£13.80	12.	D	42.	$\frac{5}{7}$
13.	$\frac{1}{6}$	43.	D	13.	3.9	43.	270°
14.	12	44.	D	14.	3,827	44.	C
15.	1219	45.	1.25 litres	15.	D	45.	£323
16.	3.7m	46.	(1, 2)	16.	C	46.	$\frac{5}{6}$
17.	2:10pm	47.	60cm	17.	18	47.	526.60
18.	1 : 400	48.	£1.58	18.	0.24m	48.	B
19.	2	49.	B	19.	£56.48	49.	87
20.	6	50.	33	20.	1.85 litres	50.	(5, 4)
21.	120cm ²			21.	$\frac{1}{3}$		
22.	$\frac{3}{5}$			22.	E		
23.	7.79			23.	20km		
24.	3			24.	D		
25.	137.5cm			25.	71°		
26.	£2.29			26.	1051		
27.	77			27.	26		
28.	C			28.	y - 19		
29.	E			29.	$\frac{7}{12}$		
30.	1000g			30.	284		

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Maths Paper C

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9.	10	39.	$\frac{1}{7}$	9.	B	39.	B
10.	5	40.	13	10.	3 : 2	40.	$\frac{1}{3}$
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27.	77			27.	26		
28.	C			28.	y - 19		
29.	E			29.	$\frac{7}{12}$		
30.	1000g			30.	284		

MATHS PAPER C

Please read the following before you start the test :-

1. Do not begin the test until you are told to do so.
2. This is a multiple choice test so you need to mark your answers on the separate answer sheets, not in this booklet.
3. Mark your answers clearly on the answer sheets using a pencil. In the column that has the same number as the question, draw a firm line clearly through the rectangle next to your answer. Do not cross out any answers – if you want to change an answer, rub it out completely and put in your new answer. Make sure that you keep your place on the answer sheet.
4. Try and answer as many questions as you can. If you cannot answer a question, do not waste time on it but go on to the next question. If you are unsure of an answer, choose the one which you think is best.
5. You can do any rough working out in this booklet.
6. Work as quickly and as carefully as you can.
7. You will have 50 minutes to complete the test.



1. What is the next number in this sequence?

5 9 17 33 65 _____

2. Which of these lengths is the greatest?

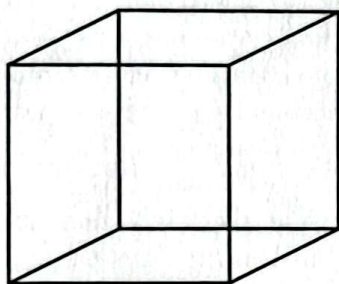
- A 3.5 km
- B 35,000 cm
- C 3.35 km
- D 350,000 mm
- E 3,050 m

3. A list of angles is given below.

179° , 10° , 47° , 273° , 81° , 330°

How many of the angles are acute angles?

4. The volume of this cube is 64cm^3 .



What is the total surface area of the cube?

5. John receives £h pocket money each week.

He also earns £k per month from his paper round.

How much money does he get in a year?

- A $\text{£}52\text{k} + 12\text{h}$
- B $\text{£}12\text{h} + 12\text{k}$
- C $\text{£}52\text{h} + 52\text{k}$
- D $\text{£}52\text{h} + 12\text{k}$
- E $\text{£}50\text{h} + 10\text{k}$

6. Peter thinks of a number.
He multiplies it by 6.
Then he adds 8.
Finally, he halves it and gets the answer 28.

What was the number he thought of?

7. $8 \times 5 \times 3 =$

- A 11×15
- B 40×8
- C 8×15
- D 13×3
- E 40×5

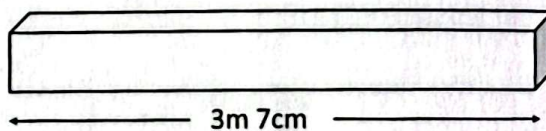
8. Abid lives 1.6 km from Tesco and Reece lives 1.95 km from Tesco.

Who lives furthest from Tesco and by how many metres?

- A Abid by 350m
- B Reece by 35m
- C Abid by 305m
- D Reece by 350m
- E Reece by 3500m

9. Including 1 and 48, how many factors does 48 have?

10. How many 53cm shelves can be cut from the plank of wood shown below?



(not to scale)

11. This frequency table shows the number of puppies born to 65 sheepdogs on farms in a Scottish village during 2013.

Number of puppies	Frequency
1 – 2	13
2 – 3	20
3 – 4	19
4 – 5	7
5 – 6	

The farmers have forgotten the final number.

How many dogs had 5 – 6 puppies?

12. The temperature in the desert at midnight was -14°C .

The temperature at noon was 32°C .

What is the difference between the temperature at midnight and the temperature at noon?

13. Last week was the derby match between Manchester City and Manchester United.

$\frac{2}{5}$ of the spectators travelled to the match by car.

$\frac{3}{10}$ of them travelled by train.

$\frac{2}{15}$ of them travelled by coach.

The rest of the spectators walked to the match.

What fraction of the spectators walked to the match?

14. Matthew tosses a coin and at the same time rolls a standard six-sided die.

How many possible outcomes are there?

15. Kieran had 2,123 Premier League football cards.

He kept his favourite 315 cards and then shared the other cards equally between himself and his brother.

How many cards did he have after sharing them with his brother?

16. Shereen buys 5 feet 7 inches of material and her sister buys 6 feet 9 inches of material.

How much material do they have altogether in metres?

17. A train leaves London at 10:35am.

It arrives in Exeter 3 hours and 35 minutes later.

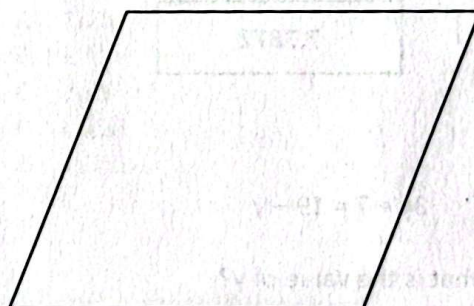
What time does the train arrive in Exeter?

18. Ruby built a model of a train. The model is 20cm long.

The length of the real train is 80m.

What is the scale of Ruby's model?

19. What is the order of rotational symmetry for the following shape?



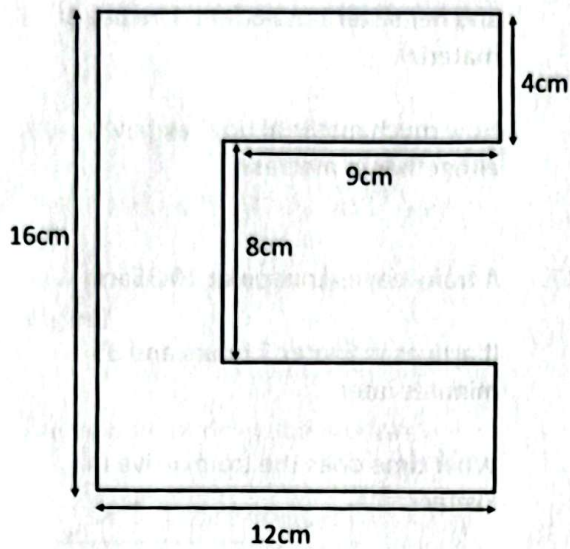
Continue to the next page

20. Mr Goode is arranging a school trip to Robin Wood for 183 pupils and 22 teachers.

They are travelling by train. Each train carriage holds 38 people.

How many carriages will be needed?

21. What is the area of the shape below?



22. Put these fractions in order of size.

$$\frac{3}{5} \quad \frac{3}{15} \quad \frac{2}{6} \quad \frac{8}{16} \quad \frac{3}{8}$$

Which is the largest fraction?

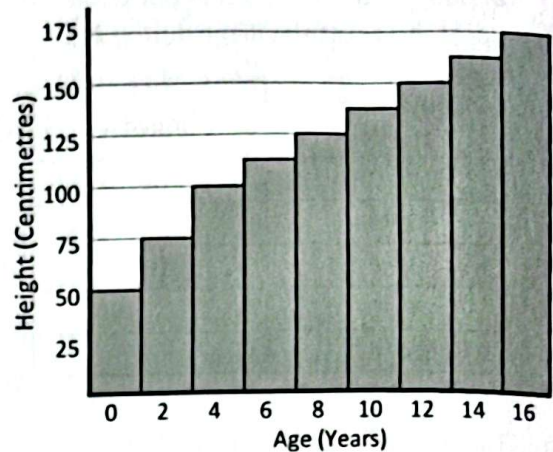
23. What is this number to two decimal places?

7.7872

24. If $3y + 7 = 19 - y$

what is the value of y ?

25.



Mikey's parents have recorded his height (in centimetres) every two years from when he was born up to the age of 16.

How tall was he when he was 10?

26. Kaitland has three 50 pence pieces, five 10 pence pieces, five 5 pence pieces and two 2 pence pieces.

How much money does she have altogether?

27. Corey is practicing for his Maths SATS exams.

He has completed eight practice papers and has achieved the following results:-

59, 86, 91, 72, 78, 69, 83, 76

What was his median score?

28. Which of the following shapes has both reflective symmetry and rotational symmetry?

- A isosceles triangle
- B parallelogram
- C rhombus
- D trapezium
- E kite

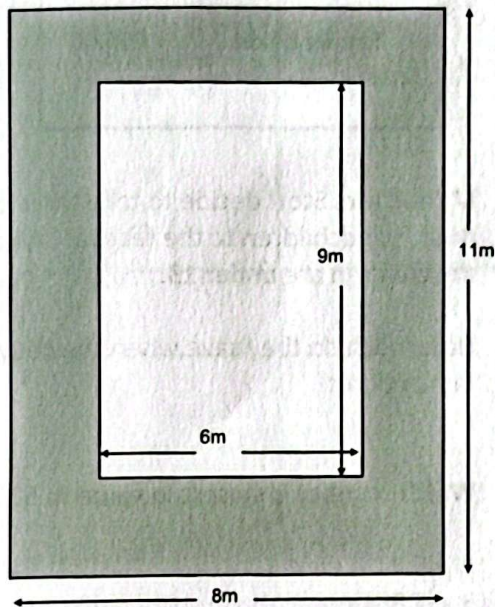
29. What fraction of 3 hours is 40 minutes?

- A $\frac{2}{5}$
- B $\frac{1}{9}$
- C $\frac{1}{5}$
- D $\frac{2}{15}$
- E $\frac{2}{9}$

30. The ratio of butter to flour in a cake is 3 : 5.

If Summer uses 600g of butter, how much flour does she use?

31. This drawing shows a garden where the lawn has a path (shaded grey) all the way round it.



What is the area of the path?

32. Mrs Wright has a discount card for her local DIY store.

It saves her $\frac{1}{3}$ of the full price on any item.

What will she pay for a drill and a set of screwdrivers which together would normally cost £66.99?

33.

Glasgow				
116	Penrith			
150	27	Kendal		
148	59	66	Durham	
212	96	72	111	Manchester
218	98	85	71	67 York

Calculate the total number of miles for this route:

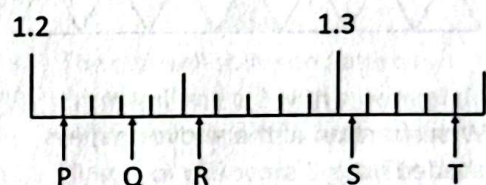
Glasgow to Kendal,
Kendal to Manchester,
Manchester to York,
York to Durham

34. Apples cost 30p each and oranges cost 45p each.

Mrs Johansen buys 6 apples and 9 oranges.

How much change will she get from £10?

35. What is point R on this scale?



- A 1.75
- B 2.1
- C 1.25
- D 1.255
- E 1.315

Continue to the next page

36. Three of the vertices of a square have the following coordinates:-

(2, 3) (2, 7) (6, 7)

What are the coordinates of the fourth vertex?

37. Which of these is the smallest?

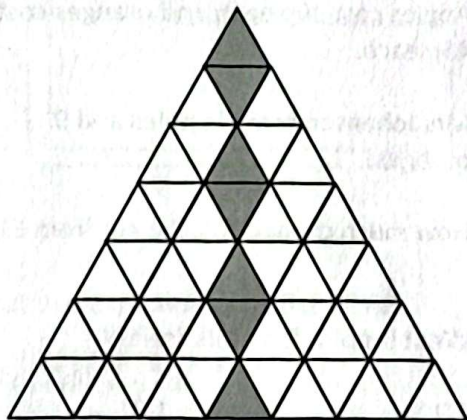
$\frac{4}{7}$ 0.52 $\frac{9}{14}$ 0.48 $\frac{3}{7}$

38. There are 750 people at a Summer Ball.

60% are women.

How many are men?

- 39.



What fraction of the above shape is shaded?

40. Abby, Shelly, Zoe and Jemma are sisters.

Abby is 9 years old, Shelly is 10 years old and Jemma is 12 years old.

Their mean age of the four girls is 11.

How old is Zoe?

41. A train is travelling at 170mph to the nearest 10mph.

What could its actual speed be?

- A 164mph
B 176mph
C 180mph
D 165mph
E 178mph

42. The table below shows the prices for tickets for Grassington Festival.

Adults	£18.20
Children (under 13)	£10.80
Family ticket (2 adults, 3 children)	£55.00

Mr and Mrs Stott decide to take three of their grandchildren to the festival. All of the children are under 13.

How much do they save when they buy a family ticket?

43. Which number is closest in value to 5?

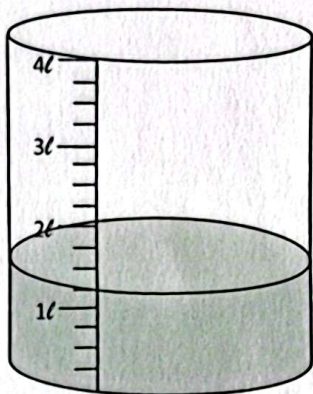
- A 5.2
B 4.8
C 5.12
D 4.882
E 5.18

44. Lily spent 1 hour and 50 minutes tidying her bedroom.

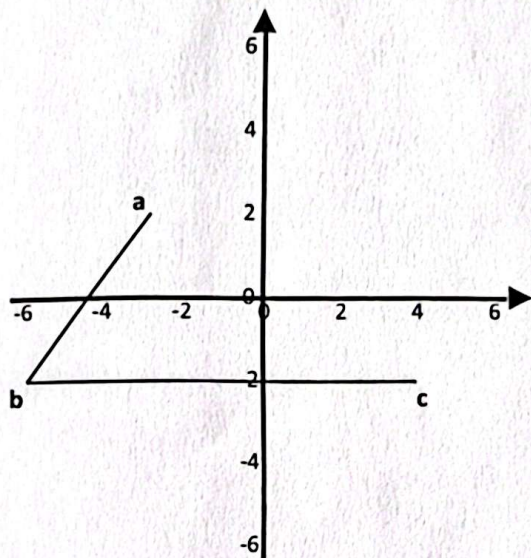
If it was 14:45 when she finished, what time was it when she started?

- A 12:55am
B 1:05pm
C 12:05pm
D 12:55pm
E 1:05am

45. About how much liquid, in litres (l), is in this can?



46. The diagram below shows two sides of an isosceles trapezium.



The labelled vertices have the following coordinates:-

a (-3, 2) b (-6, -2) c (4, -2)

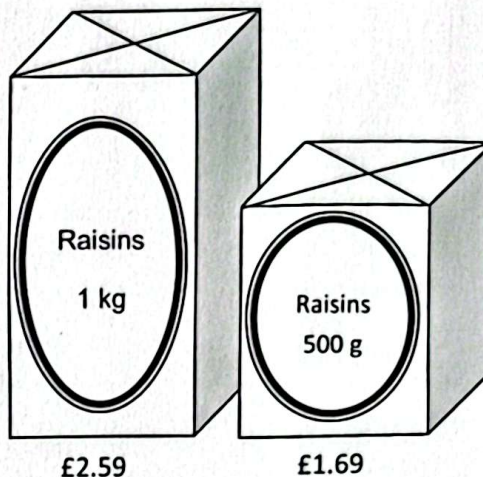
If the other two sides were drawn on the diagram, what would the coordinates of the missing vertex be?

47. The notice board in the reception area of our dental practice has an area of 2700cm^2 .

The width of the notice board is 45cm.

What is its length?

48. Felicity buys 2 kg of raisins to make her Christmas cakes.

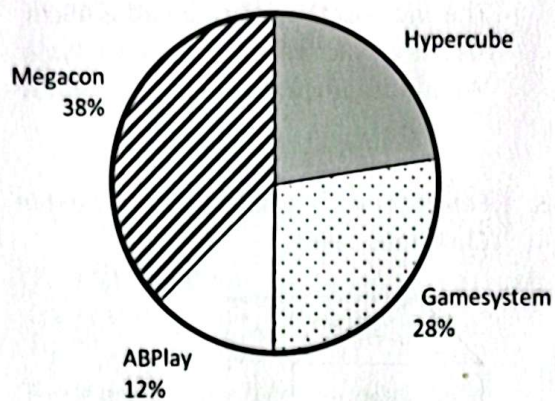


How much does she save by buying the large packets?

49. For which of the following can you work out the probability exactly?
- A The sun will shine on Saturday.
 - B Emily will roll a 2 with a normal die.
 - C Phillip will receive a letter tomorrow.
 - D Liverpool will score 3 goals in their next match.
 - E Jo will miss the 10:00am train to work.

50.

**Favourite games consoles of
pupils in Years 5 & 6**



This pie chart shows the proportion of favourite games consoles of the pupils in Years 5 and 6.

57 pupils prefer the Megacon.

How many children prefer the Hypercube?

Pupil's Name

Date of Test

School Name

DATE OF BIRTH

PUPIL NUMBER						SCHOOL NUMBER					
[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]
[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]
[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]
[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]
[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]
[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]
[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]
[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]
[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]

Day	Month	Year
[0]	[0]	January ☐
[1]	[1]	February ☐
[2]	[2]	March ☐
[3]	[3]	April ☐
[4]	[4]	May ☐
[5]	[5]	June ☐
[6]	[6]	July ☐
[7]	[7]	August ☐
[8]	[8]	September ☐
[9]	[9]	October ☐
		November ☐
		December ☐

1	128 ☐	2	A ☐	3	2 ☐	4	96cm ² ☐	5	A ☐	6	7 ☐	7	A ☐	8	A ☐	9	6 ☐
	129 ☐		B ☐		3 ☐		16cm ² ☐		B ☐		8 ☐		B ☐		7 ☐		
	130 ☐		C ☐		4 ☐		16m ² ☐		C ☐		12 ☐		C ☐		8 ☐		
	131 ☐		D ☐		5 ☐		96m ³ ☐		D ☐		18 ☐		D ☐		9 ☐		
	132 ☐		E ☐		6 ☐		32cm ² ☐		E ☐		120 ☐		E ☐		10 ☐		

10	4 ☐	11	2 ☐	12	-18°C ☐	13	$\frac{1}{2}$ ☐	14	4 ☐	15	452 ☐	16	2.5m ☐	17	2:10pm ☐	18	1:4 ☐
	5 ☐		3 ☐		40°C ☐		$\frac{1}{5}$ ☐		6 ☐		904 ☐		3.7m ☐		3:10pm ☐		40:1 ☐
	6 ☐		4 ☐		-36°C ☐		$\frac{1}{4}$ ☐		8 ☐		1061 ☐		12.4m ☐		2:10am ☐		1:400 ☐
	7 ☐		5 ☐		18°C ☐		$\frac{1}{6}$ ☐		10 ☐		1219 ☐		37m ☐		1:10pm ☐		1:80 ☐
	8 ☐		6 ☐		46°C ☐		$\frac{1}{3}$ ☐		12 ☐		1808 ☐		124m ☐		2:20pm ☐		1:40 ☐

19	1 ☐	20	3 ☐	21	56cm ² ☐	22	$\frac{3}{5}$ ☐	23	7.8 ☐	24	1 ☐	25	125cm ☐	26	£1.29 ☐	27	76 ☐
	2 ☐		4 ☐		120cm ² ☐		$\frac{3}{15}$ ☐		7.78 ☐		2 ☐		130cm ☐		£1.79 ☐		77 ☐
	3 ☐		5 ☐		196cm ² ☐		$\frac{2}{6}$ ☐		7.80 ☐		3 ☐		137.5cm ☐		£2.27 ☐		79 ☐
	4 ☐		6 ☐		72cm ² ☐		$\frac{8}{16}$ ☐		7.787 ☐		4 ☐		140cm ☐		£2.29 ☐		83 ☐
	5 ☐		7 ☐		160cm ² ☐		$\frac{3}{8}$ ☐		7.79 ☐		5 ☐		142.5cm ☐		£2.54 ☐		86 ☐

28	A ☐	29	A ☐	30	360g ☐	31	34m ² ☐	32	£22.33 ☐	33	360ml ☐	34	£4.15 ☐	35	A ☐	36	(3,7) ☐
	B ☐		B ☐		1000g ☐		88m ² ☐		£33.22 ☐		364ml ☐		£4.25 ☐		B ☐		(1,6) ☐
	C ☐		C ☐		1150g ☐		34cm ² ☐		£33.50 ☐		374ml ☐		£4.60 ☐		C ☐		(6,3) ☐
	D ☐		D ☐		1225g ☐		54m ² ☐		£40.30 ☐		380ml ☐		£5.40 ☐		D ☐		(7,3) ☐
	E ☐		E ☐		1375g ☐		88cm ² ☐		£44.66 ☐		384ml ☐		£5.85 ☐		E ☐		(3,6) ☐

37	$\frac{4}{7}$ ☐	38	250 ☐	39	$\frac{7}{12}$ ☐	40	9 ☐	41	A ☐	42	£3.00 ☐	43	A ☐	44	A ☐	45	1.14 ☐
	0.52 ☐		300 ☐		$\frac{1}{6}$ ☐		10 ☐		B ☐		£3.80 ☐		B ☐		1.15 ☐		
	$\frac{9}{14}$ ☐		350 ☐		$\frac{1}{10}$ ☐		11 ☐		C ☐		£13.80 ☐		C ☐		1.2 ☐		
	0.48 ☐		400 ☐		$\frac{1}{7}$ ☐		12 ☐		D ☐		£58.00 ☐		D ☐		1.25 ☐		
	$\frac{1}{7}$ ☐		450 ☐		$\frac{1}{8}$ ☐		13 ☐		E ☐		£68.80 ☐		E ☐		1.3 ☐		

46	(3,2) ☐	47	25m ☐	48	£0.79 ☐	49	A ☐	50	78 ☐
	(2,3) ☐		30cm ☐		£0.90 ☐		B ☐		22 ☐
	(1,2) ☐		45m ☐		£1.58 ☐		C ☐		11 ☐
	(1,3) ☐		50cm ☐		£1.80 ☐		D ☐		33 ☐
	(-1,2) ☐		60cm ☐		£1.90 ☐		E ☐		44 ☐

MATHS PAPER C

Please read the following before you start the test :-

1. Do not begin the test until you are told to do so.
2. This is a multiple choice test so you need to mark your answers on the separate answer sheets, not in this booklet.
3. Mark your answers clearly on the answer sheets using a pencil. In the column that has the same number as the question, draw a firm line clearly through the rectangle next to your answer. Do not cross out any answers – if you want to change an answer, rub it out completely and put in your new answer. Make sure that you keep your place on the answer sheet.
4. Try and answer as many questions as you can. If you cannot answer a question, do not waste time on it but go on to the next question. If you are unsure of an answer, choose the one which you think is best.
5. You can do any rough working out in this booklet.
6. Work as quickly and as carefully as you can.
7. You will have 50 minutes to complete the test.



1. What is the next number in this sequence?

5 9 17 33 65 _____

2. Which of these lengths is the greatest?

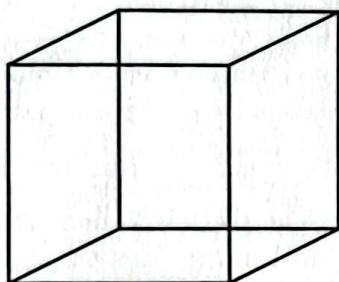
- A 3.5 km
- B 35,000 cm
- C 3.35 km
- D 350,000 mm
- E 3,050 m

3. A list of angles is given below.

179° , 10° , 47° , 273° , 81° , 330°

How many of the angles are acute angles?

4. The volume of this cube is 64cm^3 .



What is the total surface area of the cube?

5. John receives £h pocket money each week.

He also earns £k per month from his paper round.

How much money does he get in a year?

- A $\text{£}52\text{k} + 12\text{h}$
- B $\text{£}12\text{h} + 12\text{k}$
- C $\text{£}52\text{h} + 52\text{k}$
- D $\text{£}52\text{h} + 12\text{k}$
- E $\text{£}50\text{h} + 10\text{k}$

6. Peter thinks of a number.
He multiplies it by 6.
Then he adds 8.
Finally, he halves it and gets the answer 28.

What was the number he thought of?

7. $8 \times 5 \times 3 =$

- A 11×15
- B 40×8
- C 8×15
- D 13×3
- E 40×5

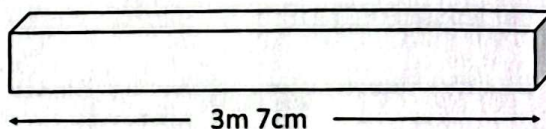
8. Abid lives 1.6 km from Tesco and Reece lives 1.95 km from Tesco.

Who lives furthest from Tesco and by how many metres?

- A Abid by 350m
- B Reece by 35m
- C Abid by 305m
- D Reece by 350m
- E Reece by 3500m

9. Including 1 and 48, how many factors does 48 have?

10. How many 53cm shelves can be cut from the plank of wood shown below?



(not to scale)

11. This frequency table shows the number of puppies born to 65 sheepdogs on farms in a Scottish village during 2013.

Number of puppies	Frequency
1 – 2	13
2 – 3	20
3 – 4	19
4 – 5	7
5 – 6	

The farmers have forgotten the final number.

How many dogs had 5 – 6 puppies?

12. The temperature in the desert at midnight was -14°C .

The temperature at noon was 32°C .

What is the difference between the temperature at midnight and the temperature at noon?

13. Last week was the derby match between Manchester City and Manchester United.

$\frac{2}{5}$ of the spectators travelled to the match by car.

$\frac{3}{10}$ of them travelled by train.

$\frac{2}{15}$ of them travelled by coach.

The rest of the spectators walked to the match.

What fraction of the spectators walked to the match?

14. Matthew tosses a coin and at the same time rolls a standard six-sided die.

How many possible outcomes are there?

15. Kieran had 2,123 Premier League football cards.

He kept his favourite 315 cards and then shared the other cards equally between himself and his brother.

How many cards did he have after sharing them with his brother?

16. Shereen buys 5 feet 7 inches of material and her sister buys 6 feet 9 inches of material.

How much material do they have altogether in metres?

17. A train leaves London at 10:35am.

It arrives in Exeter 3 hours and 35 minutes later.

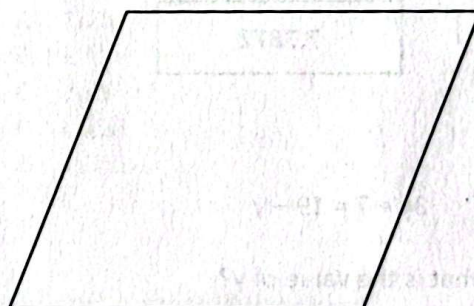
What time does the train arrive in Exeter?

18. Ruby built a model of a train. The model is 20cm long.

The length of the real train is 80m.

What is the scale of Ruby's model?

19. What is the order of rotational symmetry for the following shape?

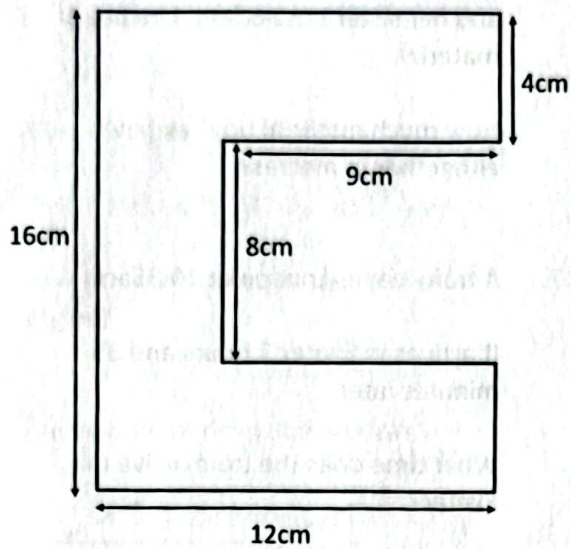


20. Mr Goode is arranging a school trip to Robin Wood for 183 pupils and 22 teachers.

They are travelling by train. Each train carriage holds 38 people.

How many carriages will be needed?

21. What is the area of the shape below?



22. Put these fractions in order of size.

$$\frac{3}{5} \quad \frac{3}{15} \quad \frac{2}{6} \quad \frac{8}{16} \quad \frac{3}{8}$$

Which is the largest fraction?

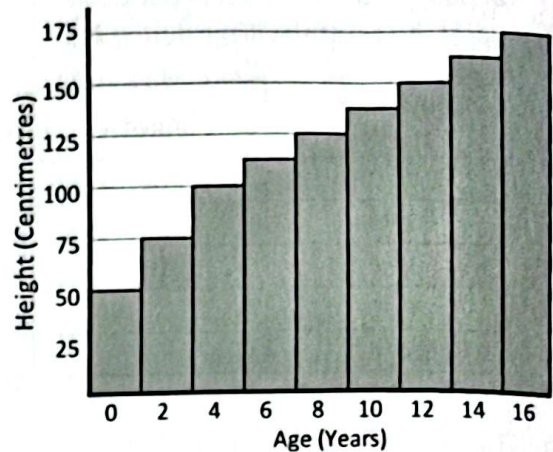
23. What is this number to two decimal places?

7.7872

24. If $3y + 7 = 19 - y$

what is the value of y ?

25.



Mikey's parents have recorded his height (in centimetres) every two years from when he was born up to the age of 16.

How tall was he when he was 10?

26. Kaitland has three 50 pence pieces, five 10 pence pieces, five 5 pence pieces and two 2 pence pieces.

How much money does she have altogether?

27. Corey is practicing for his Maths SATS exams.

He has completed eight practice papers and has achieved the following results:-

59, 86, 91, 72, 78, 69, 83, 76

What was his median score?

28. Which of the following shapes has both reflective symmetry and rotational symmetry?

- A isosceles triangle
- B parallelogram
- C rhombus
- D trapezium
- E kite

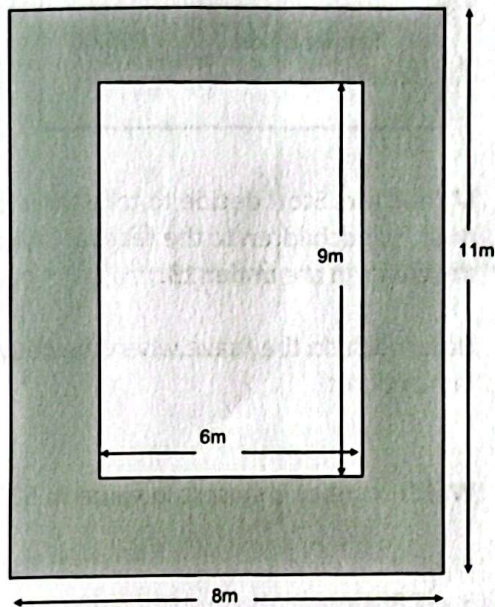
29. What fraction of 3 hours is 40 minutes?

- A $\frac{2}{5}$
- B $\frac{1}{9}$
- C $\frac{1}{5}$
- D $\frac{2}{15}$
- E $\frac{2}{9}$

30. The ratio of butter to flour in a cake is 3 : 5.

If Summer uses 600g of butter, how much flour does she use?

31. This drawing shows a garden where the lawn has a path (shaded grey) all the way round it.



What is the area of the path?

32. Mrs Wright has a discount card for her local DIY store.

It saves her $\frac{1}{3}$ of the full price on any item.

What will she pay for a drill and a set of screwdrivers which together would normally cost £66.99?

33.

Glasgow					
116	Penrith				
150	27	Kendal			
148	59	66	Durham		
212	96	72	111	Manchester	
218	98	85	71	67	York

Calculate the total number of miles for this route:

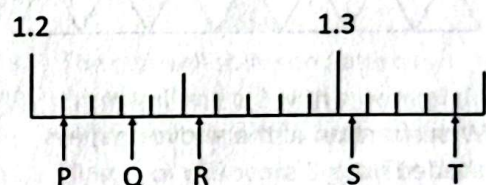
Glasgow to Kendal,
Kendal to Manchester,
Manchester to York,
York to Durham

34. Apples cost 30p each and oranges cost 45p each.

Mrs Johansen buys 6 apples and 9 oranges.

How much change will she get from £10?

35. What is point R on this scale?



- A 1.75
- B 2.1
- C 1.25
- D 1.255
- E 1.315

Continue to the next page

36. Three of the vertices of a square have the following coordinates:-

(2, 3) (2, 7) (6, 7)

What are the coordinates of the fourth vertex?

37. Which of these is the smallest?

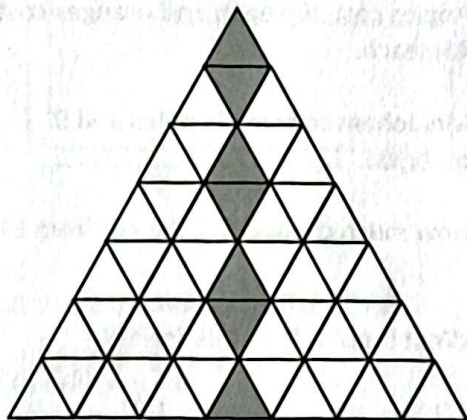
$\frac{4}{7}$ 0.52 $\frac{9}{14}$ 0.48 $\frac{3}{7}$

38. There are 750 people at a Summer Ball.

60% are women.

How many are men?

- 39.



What fraction of the above shape is shaded?

40. Abby, Shelly, Zoe and Jemma are sisters.

Abby is 9 years old, Shelly is 10 years old and Jemma is 12 years old.

Their mean age of the four girls is 11.

How old is Zoe?

41. A train is travelling at 170mph to the nearest 10mph.

What could its actual speed be?

- A 164mph
B 176mph
C 180mph
D 165mph
E 178mph

42. The table below shows the prices for tickets for Grassington Festival.

Adults	£18.20
Children (under 13)	£10.80
Family ticket (2 adults, 3 children)	£55.00

Mr and Mrs Stott decide to take three of their grandchildren to the festival. All of the children are under 13.

How much do they save when they buy a family ticket?

43. Which number is closest in value to 5?

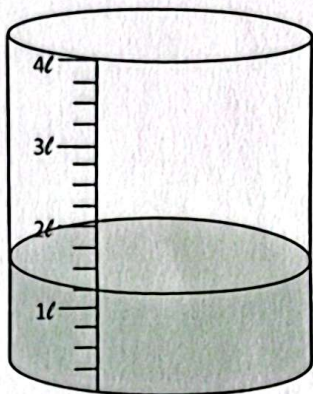
- A 5.2
B 4.8
C 5.12
D 4.882
E 5.18

44. Lily spent 1 hour and 50 minutes tidying her bedroom.

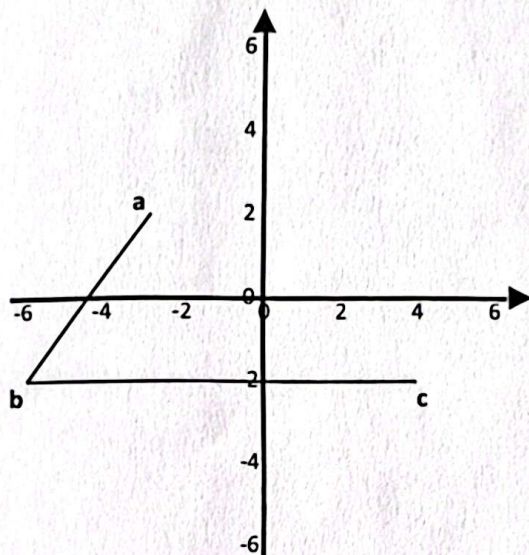
If it was 14:45 when she finished, what time was it when she started?

- A 12:55am
B 1:05pm
C 12:05pm
D 12:55pm
E 1:05am

45. About how much liquid, in litres (l), is in this can?



46. The diagram below shows two sides of an isosceles trapezium.



The labelled vertices have the following coordinates:-

a (-3, 2) b (-6, -2) c (4, -2)

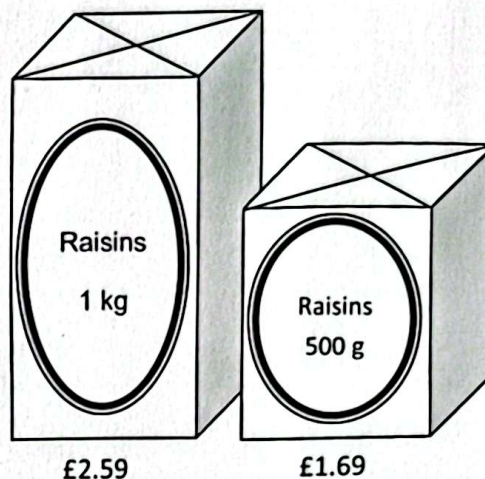
If the other two sides were drawn on the diagram, what would the coordinates of the missing vertex be?

47. The notice board in the reception area of our dental practice has an area of 2700cm^2 .

The width of the notice board is 45cm.

What is its length?

48. Felicity buys 2 kg of raisins to make her Christmas cakes.

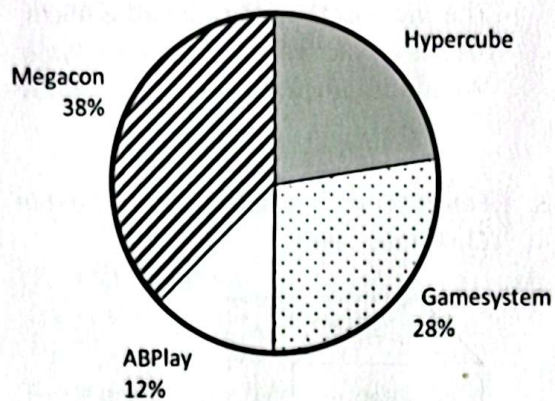


How much does she save by buying the large packets?

49. For which of the following can you work out the probability exactly?
- A The sun will shine on Saturday.
 - B Emily will roll a 2 with a normal die.
 - C Phillip will receive a letter tomorrow.
 - D Liverpool will score 3 goals in their next match.
 - E Jo will miss the 10:00am train to work.

50.

**Favourite games consoles of
pupils in Years 5 & 6**



This pie chart shows the proportion of favourite games consoles of the pupils in Years 5 and 6.

57 pupils prefer the Megacon.

How many children prefer the Hypercube?

Pupil's Name

Date of Test

School Name

DATE OF BIRTH

PUPIL NUMBER						SCHOOL NUMBER					
[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]
[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]
[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]
[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]
[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]
[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]
[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]
[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]
[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]

Day	Month	Year
[0]	[0]	January ☐
[1]	[1]	February ☐
[2]	[2]	March ☐
[3]	[3]	April ☐
[4]	[4]	May ☐
[5]	[5]	June ☐
[6]	[6]	July ☐
[7]	[7]	August ☐
[8]	[8]	September ☐
[9]	[9]	October ☐
		November ☐
		December ☐

1	128 ☐	2	A ☐	3	2 ☐	4	96cm ² ☐	5	A ☐	6	7 ☐	7	A ☐	8	A ☐	9	6 ☐
	129 ☐		B ☐		3 ☐		16cm ² ☐		B ☐		8 ☐		B ☐		7 ☐		7 ☐
	130 ☐		C ☐		4 ☐		16m ² ☐		C ☐		12 ☐		C ☐		8 ☐		8 ☐
	131 ☐		D ☐		5 ☐		96m ³ ☐		D ☐		18 ☐		D ☐		9 ☐		9 ☐
	132 ☐		E ☐		6 ☐		32cm ² ☐		E ☐		120 ☐		E ☐		10 ☐		10 ☐

10	4 ☐	11	2 ☐	12	-18°C ☐	13	$\frac{1}{2}$ ☐	14	4 ☐	15	452 ☐	16	2.5m ☐	17	2:10pm ☐	18	1:4 ☐
	5 ☐		3 ☐		40°C ☐		$\frac{1}{5}$ ☐		6 ☐		904 ☐		3.7m ☐		3:10pm ☐		40:1 ☐
	6 ☐		4 ☐		-36°C ☐		$\frac{1}{4}$ ☐		8 ☐		1061 ☐		12.4m ☐		2:10am ☐		1:400 ☐
	7 ☐		5 ☐		18°C ☐		$\frac{1}{6}$ ☐		10 ☐		1219 ☐		37m ☐		1:10pm ☐		1:80 ☐
	8 ☐		6 ☐		46°C ☐		$\frac{1}{3}$ ☐		12 ☐		1808 ☐		124m ☐		2:20pm ☐		1:40 ☐

19	1 ☐	20	3 ☐	21	56cm ² ☐	22	$\frac{3}{5}$ ☐	23	7.8 ☐	24	1 ☐	25	125cm ☐	26	£1.29 ☐	27	76 ☐
	2 ☐		4 ☐		120cm ² ☐		$\frac{3}{15}$ ☐		7.78 ☐		2 ☐		130cm ☐		£1.79 ☐		77 ☐
	3 ☐		5 ☐		196cm ² ☐		$\frac{2}{6}$ ☐		7.80 ☐		3 ☐		137.5cm ☐		£2.27 ☐		79 ☐
	4 ☐		6 ☐		72cm ² ☐		$\frac{8}{16}$ ☐		7.787 ☐		4 ☐		140cm ☐		£2.29 ☐		83 ☐
	5 ☐		7 ☐		160cm ² ☐		$\frac{3}{8}$ ☐		7.79 ☐		5 ☐		142.5cm ☐		£2.54 ☐		86 ☐

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	C ☐		C ☐		1150g ☐		34cm ² ☐		£33.50 ☐		374ml ☐		£4.60 ☐		C ☐		(6,3) ☐
	D ☐		D ☐		1225g ☐		54m ² ☐		£40.30 ☐		380ml ☐		£5.40 ☐		D ☐		(7,3) ☐
	E ☐		E ☐		1375g ☐		88cm ² ☐		£44.66 ☐		384ml ☐		£5.85 ☐		E ☐		(3,6) ☐

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	0.52 ☐		300 ☐		$\frac{1}{6}$ ☐		10 ☐		B ☐		£3.80 ☐		B ☐		1.15 ☐		
	$\frac{9}{14}$ ☐		350 ☐		$\frac{1}{10}$ ☐		11 ☐		C ☐		£13.80 ☐		C ☐		1.2 ☐		
	0.48 ☐		400 ☐		$\frac{1}{7}$ ☐		12 ☐		D ☐		£58.00 ☐		D ☐		1.25 ☐		
	$\frac{1}{7}$ ☐		450 ☐		$\frac{1}{8}$ ☐		13 ☐		E ☐		£68.80 ☐		E ☐		1.3 ☐		

46	(3,2) ☐	47	25m ☐	48	£0.79 ☐	49	A ☐	50	78 ☐
	(2,3) ☐		30cm ☐		£0.90 ☐		B ☐		22 ☐
	(1,2) ☐		45m ☐		£1.58 ☐		C ☐		11 ☐
	(1,3) ☐		50cm ☐		£1.80 ☐		D ☐		33 ☐
	(-1,2) ☐		60cm ☐		£1.90 ☐		E ☐		44 ☐