RAFFLES GIRLS' PRIMARY SCHOOL
END OF YEAR EXAMINATION 2024
MATHEMATICS
PRIMARY 4

Name: _____ ( )

Class: P4 _____

Date: **22 October 2024** Duration: **1 h 45 min**

Section	**Your Score**
Section A (Out of 40 marks)	
Section B (Out of 40 marks)	
Section C (Out of 20 marks)	
Overall (Out of 100 marks)	
Parent's Signature	

INSTRUCTIONS TO CANDIDATES

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer **ALL** questions and show all working clearly.

SECTION A (40 marks)

Questions **1 to 20** carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade your answer on the Optical Answer Sheet.

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1. The value of the digit 7 in 37 892 is _____.

   (1) 70

   (2) 700

   (3) 7000

   (4) 70 000

2. In which of the following are the numbers arranged from the smallest to the greatest?

	(*smallest*)			(*greatest*)
(1)	6830 ,	6803 ,		6083
(2)	6083 ,	6830 ,		6803
(3)	6830 ,	6083 ,		6803
(4)	6083 ,	6803 ,		6830

3. Which fraction is in its simplest form?

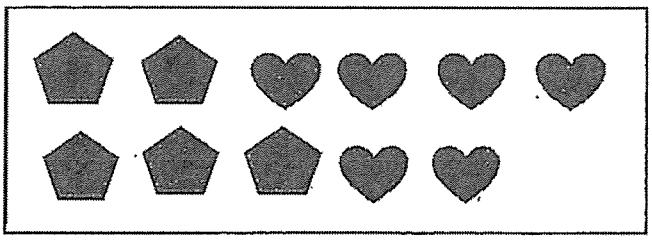
   (1) $\frac{5}{7}$

   (2) $\frac{6}{9}$

   (3) $\frac{3}{6}$

   (4) $\frac{4}{10}$

4. What fraction of the shapes are  ?



(1) $\frac{5}{6}$

(2) $\frac{5}{11}$

(3) $\frac{6}{5}$

(4) $\frac{6}{11}$

5. In the number 93.25, the digit _____ is in the tenths place.

(1) 5

(2) 2

(3) 3

(4) 9

6. Which of the following decimals is the greatest?

(1) 0.369

(2) 0.192

(3) 0.346

(4) 0.129

7. Which of the following is a factor of both 12 and 90?

(1) 8

(2) 6

(3) 5

(4) 4

8. Express $1\frac{3}{20}$ as a decimal.

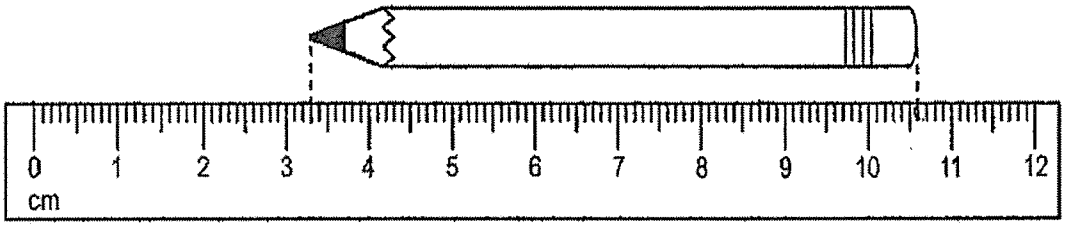
(1) 1.32

(2) 1.30

(3) 1.15

(4) 1.015

9. What is the length of the pencil?



(1) 3.3 cm

(2) 5.6 cm

(3) 7.3 cm

(4) 10.6 cm

10. Mrs Lee had some stickers. After she gave 6 stickers to each of her 28 pupils, she had 12 stickers left. How many stickers did Mrs Lee have at first?

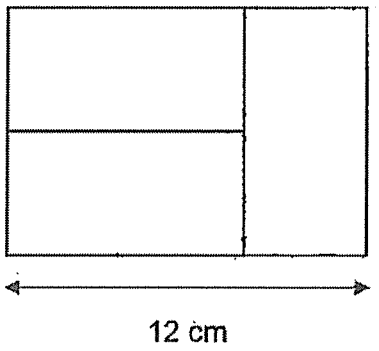
(1) 168

(2) 180

(3) 336

(4) 342

11. The figure is made up of 3 identical rectangles. Find the area of the figure.



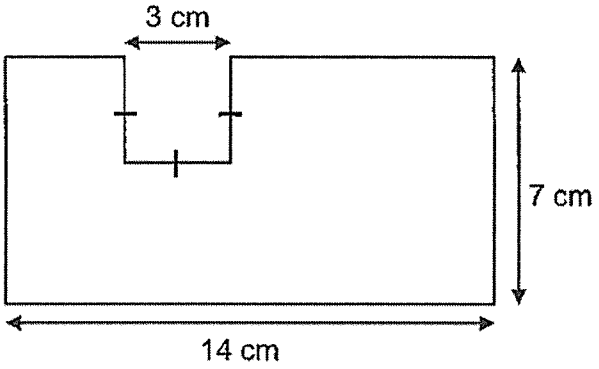
(1) 12 cm^2

(2) 40 cm^2

(3) 72 cm^2

(4) 96 cm^2

12. Find the perimeter of the figure.



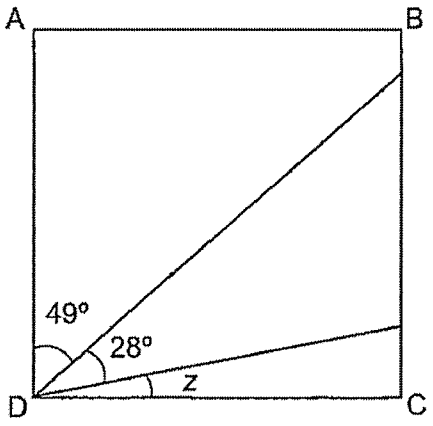
(1) 24 cm

(2) 42 cm

(3) 48 cm

(4) 54 cm

13. ABCD is a square. Find $\angle z$.



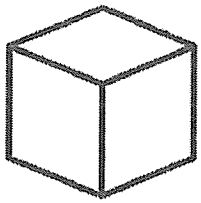
(1) 13°

(2) 41°

(3) 62°

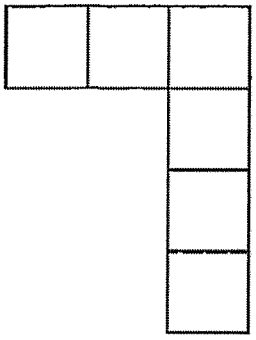
(4) 77°

14. The figure shows a cube

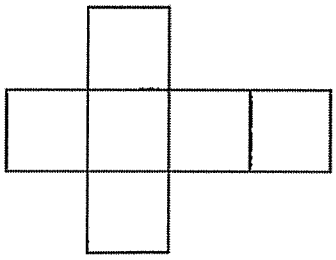


Which of the following is **not** the net of the cube?

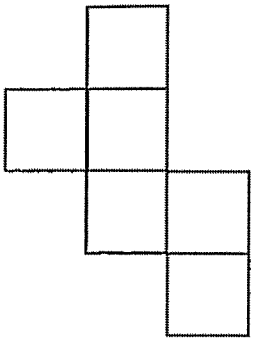
(1)



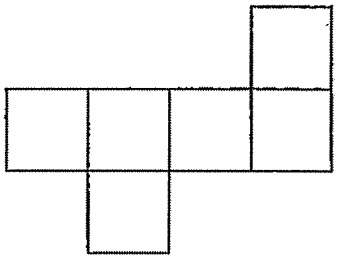
(2)



(3)



(4)



15. What could be the mass of a Primary 4 Mathematics textbook?

(1) 33 g

(2) 330 g

(3) 33 kg

(4) 330 kg

16. The table shows the height of five girls.

Name	Height (in cm)
Agnes	138
Betty	120
Chloe	124
Devi	152
Fatimah	134

What is the difference in height between Agnes and the tallest girl?

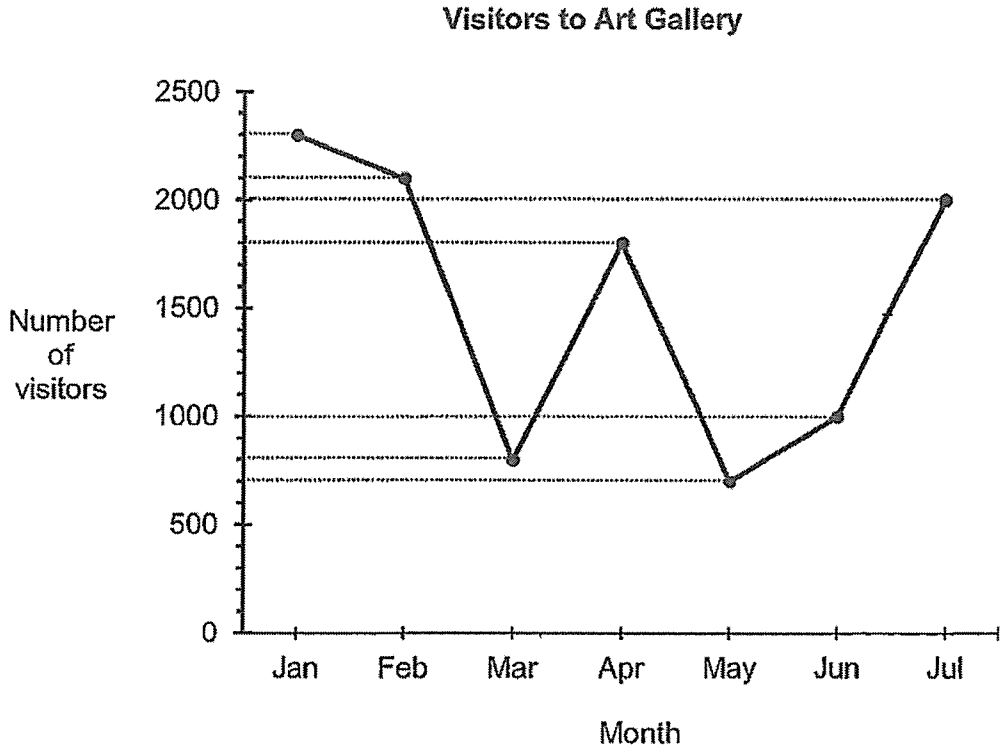
(1) 32 cm

(2) 28 cm

(3) 18 cm

(4) 14 cm

17. The line graph shows the number of visitors who visited an art gallery over a period of 7 months.



The number of visitors decreased the most in the 1-month period between _____ and _____.

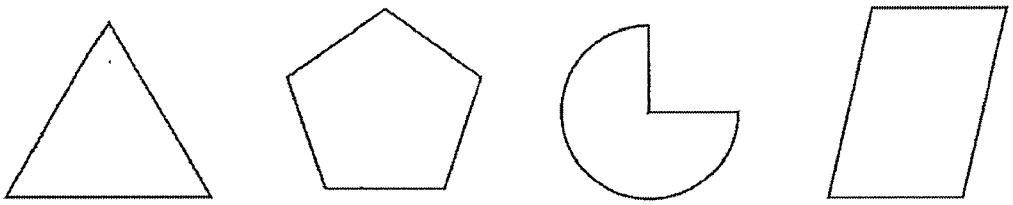
(1) January and February

(2) February and March

(3) April and May

(4) June and July

18. Which of the following shape does **not** have a line of symmetry?



(1) (2) (3) (4)

19. Mei Ling started running a marathon at 6.35 a.m. and finished it at 11.10 a.m. How long did she take to complete the marathon?

(1) 4 h 25 min

(2) 4 h 35 min

(3) 5 h 25 min

(4) 5 h 35 min

20.

5 adults and 4 children went to the funfair. What would be the least possible amount of money they need to pay for the tickets?

(1) $134

(2) $214

(3) $232

(4) $252

SECTION B (40 marks)

Questions 21 to 40 carry 2 marks each. Show your workings clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

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21. Write thirteen thousand and ninety-four in numerals.

Ans: _____

22. Write the missing number in the number pattern below.

14 000, 13 200, 12 400, _____, 10 800, 10 000

Ans: _____

23. Find the sum of 647 and 978.

Ans: _____

24. Write $4\frac{2}{3}$ as an improper fraction.

Ans: _____

25. $\frac{2}{9} + \frac{1}{3} =$ _____

Ans: _____

26. $0.8 = \frac{8}{\boxed{?}}$

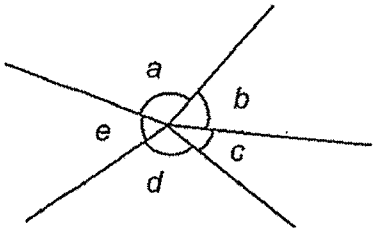
What is the missing number in the box?

Ans: _____

27. Round 42.64 to the nearest whole number.

Ans: _____

28. Name the two angles that are greater than 90°.



Ans: ∠_____and ∠_____

29. Measure and write down the size of ∠y.

Ans: _____°

30. Which two of the fractions below are smaller than $\frac{1}{2}$?

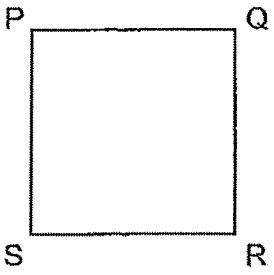
$\frac{4}{11}$, $\frac{3}{4}$, $\frac{5}{10}$, $\frac{2}{7}$

Ans: _____ and _____

31. Mrs Tan took 20 min to travel from her home to the office. She spent 6 h 30 min in the office. She left her office at 18 15. What time did she leave her home in the morning? Give your answer in 24-hour clock.

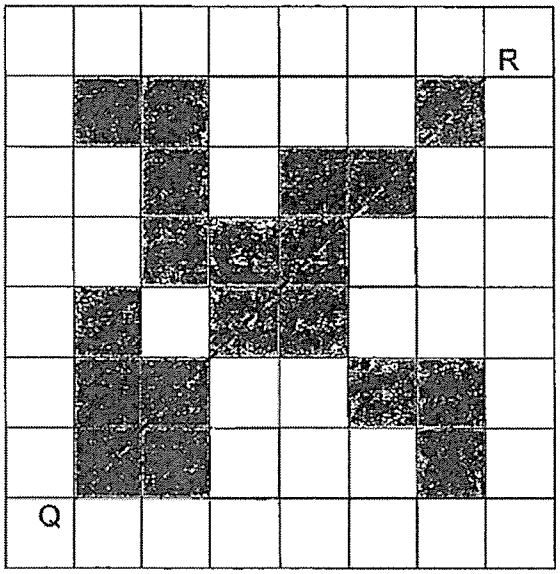
Ans: _____

32. PQRS is a square with perimeter 28 cm. Find its area.

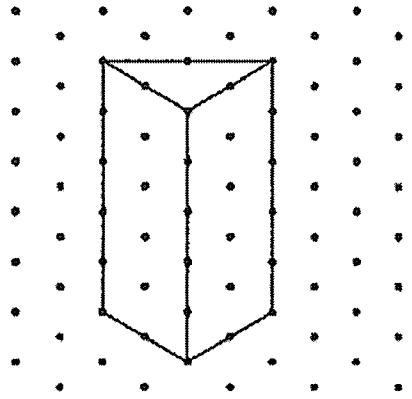


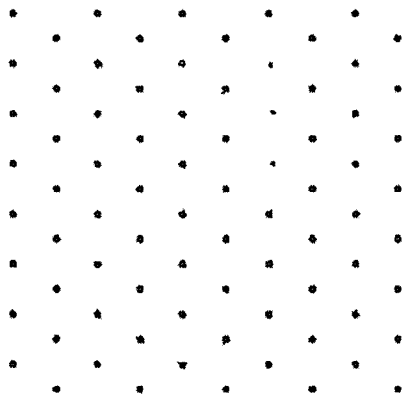
Ans: _____ cm^2

33. In the figure below, shade 3 squares such that line QR is the line of symmetry.



34. (a) Draw the geometric figure shown on the isometric grid on the right.





(b) Name the geometric figure.

Ans: _____

35. The total cost of a handbag and purse is $242. The handbag costs $20 more than the purse. Find the cost of the handbag.

Ans: $_____

36. The chairs in the hall are arranged in rows. Each row has the same number of chairs. When Ali sits at one of the chairs, there are 6 chairs to his right and 5 chairs to his left. There are 8 chairs in front of him and 4 chairs behind him. How many chairs are there in the hall?

Ans: _____

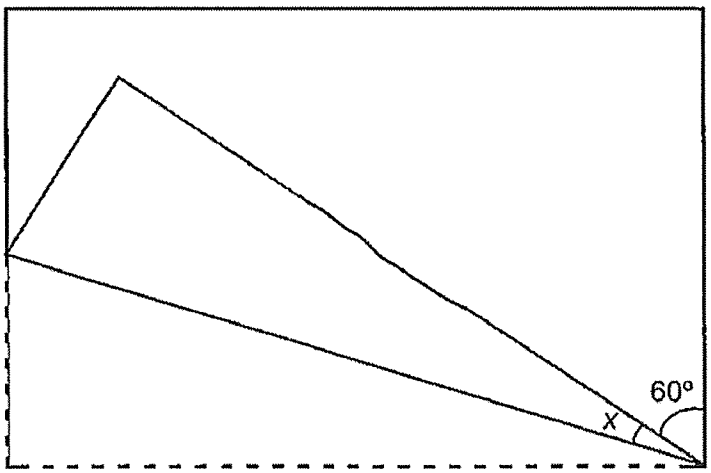
37. The table shows the number of swimmers and non-swimmers in 3 schools. Some of the information are missing from the table.

	Number of swimmers	Number of non-swimmers	Total
School A	1350	245	1595
School B	890	?	1460
School C	1730	?	2273

What is the total number of non-swimmers in School B and C?

Ans: _____

38. A piece of rectangular paper is folded as shown. Find $\angle x$.

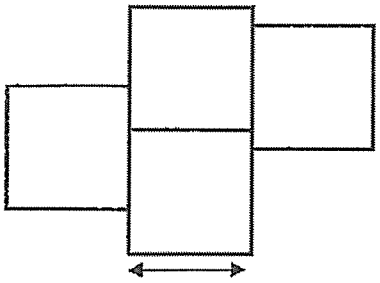


Ans: _____°

39. Mrs Wong baked between 70 to 90 cookies. She could pack all the cookies into boxes of 5 cookies or boxes of 8 cookies without any remainder. How many cookies did Mrs Wong bake?

Ans: _____

40. The figure is made up of four identical squares. Find the perimeter of the figure.



Ans: _____ cm

SECTION C (20 marks)

For questions **41** to **45**, show your workings clearly and write your answers in the spaces provide. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

41. $\frac{5}{12}$ of the passengers on the MRT were female.

(a) What fraction of the passengers were male?

Ans: (a) _____ [2]

(b) There were 40 female passengers, how many passengers were there on the MRT?

Ans: (b) _____ [2]

42. The total mass of an empty school bag and 5 similar books was 5.4 kg. The total mass of the same school bag and 2 similar books was 3 kg.

(a) What was the mass of 1 book?

Ans: (a) _____ [2]

(b) What was the mass of the empty school bag?

Ans: (b) _____ [2]

43. Ravi had $92 more than Peter. After Ravi gave $100 to Peter, Peter had 5 times as much as Ravi.

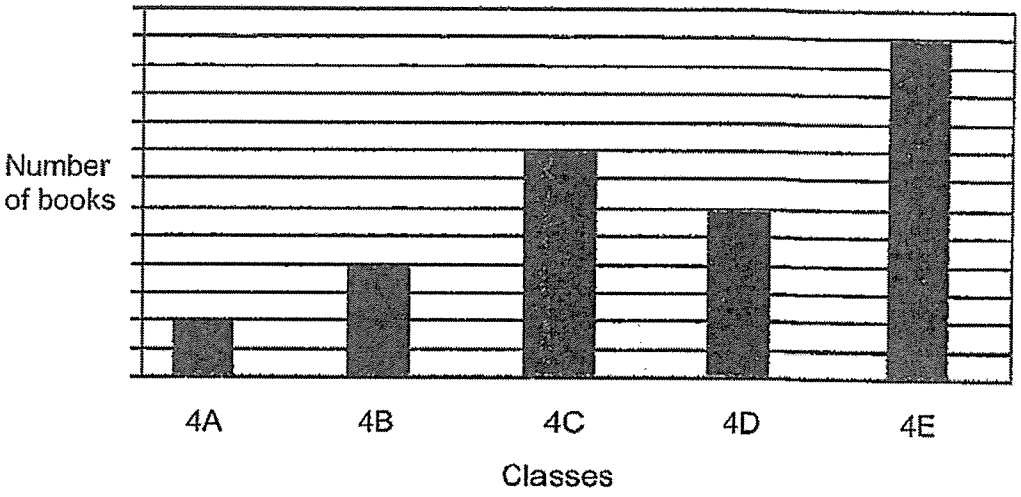
(a) How much money did Ravi have at first?

Ans: (a) _____ [2]

(b) How much money did Peter have in the end?

Ans: (a) _____ [2]

44. The bar graph shows the number of books donated by the Primary 4 pupils. The number of books is not shown on the scale.



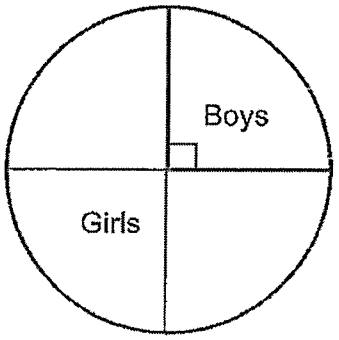
(a) Which class donated twice as many books as 4B?

Ans: (a)_____ [1]

(b) Class 4C donated 20 more books than Class 4D. How many books were donated by Class 4E?

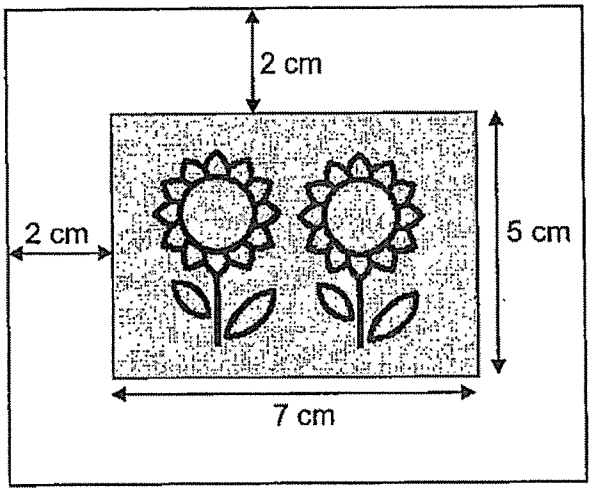
Ans: (b) _____ [1]

(c) The pie chart represents the number of books donated by the boys and girls in Class 4E. How many books were donated by the girls?



Ans: (c) _____ [2]

45. A photograph measuring 7 cm by 5 cm is placed on a cardboard leaving a 2-cm border around it.



(a) What is the area of the photograph?

Ans: (a) _____ [2]

(b) What is the area of the cardboard **not** covered by the photograph?

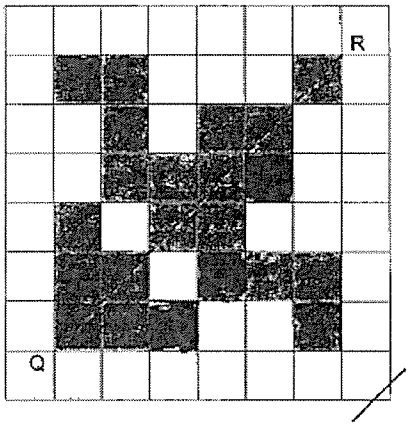
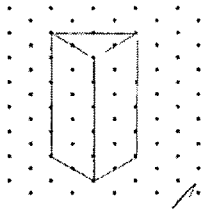
Ans: (b) _____ [2]

End of Paper

SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATH
TERM : 2024 SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	4	1	4	2	1	2	3	3	2
Q11	Q12	Q13	Q14	Q15	Q16	Q17)	Q18)	Q19	Q20)
4	3	1	1	2	4	2	4	2	3

Q21	13094
Q22	11600
Q23	1625
Q24	$\frac{14}{3}$
Q25	$\frac{5}{9}$
Q26	10
Q27	43
Q28	<a and <d
Q29	125°
Q30	$\frac{4}{11}$ and $\frac{2}{7}$
Q31	11 25
Q32	44 cm2

Q33	
Q34	a)  b)prism
Q35	242 – 20 = 222 222 ÷ 2 = 111 111 + 20 = $131
Q36	8 + 4 + 1 = 13 5 + 6 + 1 = 12 13 x 12 = 156
Q37	1460 – 890 = 570 543 + 570 = 1113
Q38	90 – 60 = 30 30 ÷ 2 = 15°
Q39	5 x 16 = (80) 8 x 10 = (80)

Q40	9 x 10 = 90 cm
Q41	a) $\frac{12}{12} - \frac{5}{12} = \frac{7}{12}$ b)40 ÷ 5 = 8 8 x 12 = 96
Q42	a)0.8kg b)0.8 x 2 = 1.6 3 – 1.6 = 1.4 kg
Q43	a)92 + 8 + 8 = 108 108 ÷ 4 = 27 27 + 100 = 127 b)27 x 5 = 135
Q44	a)4C b)12 x 10 = 120 c)120 ÷ 4 = 30 30 x 3 = 90
Q45	a)5 x 7 = 35cm2 b)5 + 4 = 9 7 + 4 = 11 11 x 9 = 99 99 – 35 = 64cm2