Maha Bodhi School
2023 End-of-Year Examination
Primary 3
Mathematics
Booklet A

Name : _____ ( )

Class : Primary 3 _____

Date : 24 October 2023

Total Duration for Booklets A and B: 1 h 45 min

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.
4. Shade your answers in the Optical Answer Sheet (OAS) provided.

This booklet consists of 8 printed pages.

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Section A (30 marks)

Questions 1 to 15 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.

1. In 4960, the digit 9 is in the _____ place.

   (1) ones
   (2) tens
   (3) hundreds
   (4) thousands

2. Which of the following is the greatest odd number?

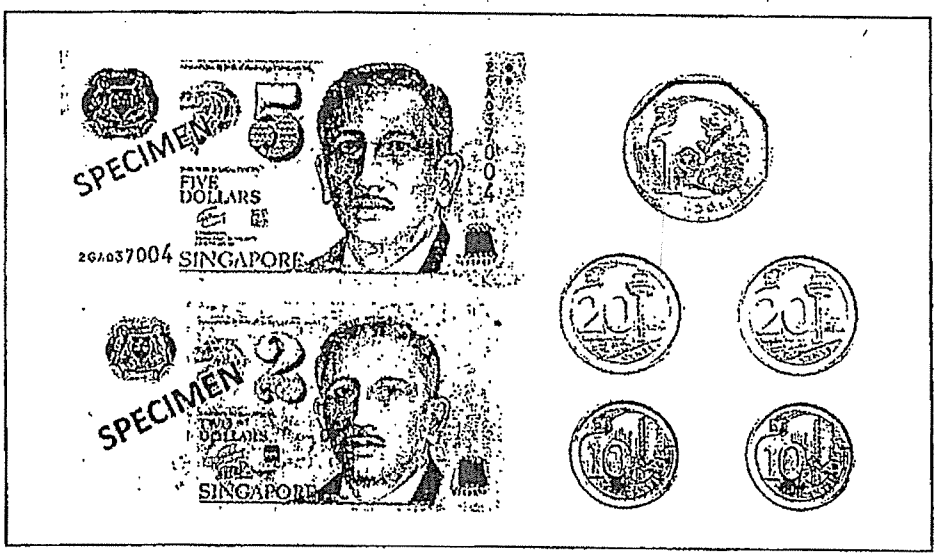
   (1) 9639
   (2) 9643
   (3) 9750
   (4) 9778

3. What is the value of 1000 – 692?

   (1) 307
   (2) 308
   (3) 418
   (4) 492

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4. Sam has some money as shown below.



How much money does Sam have?

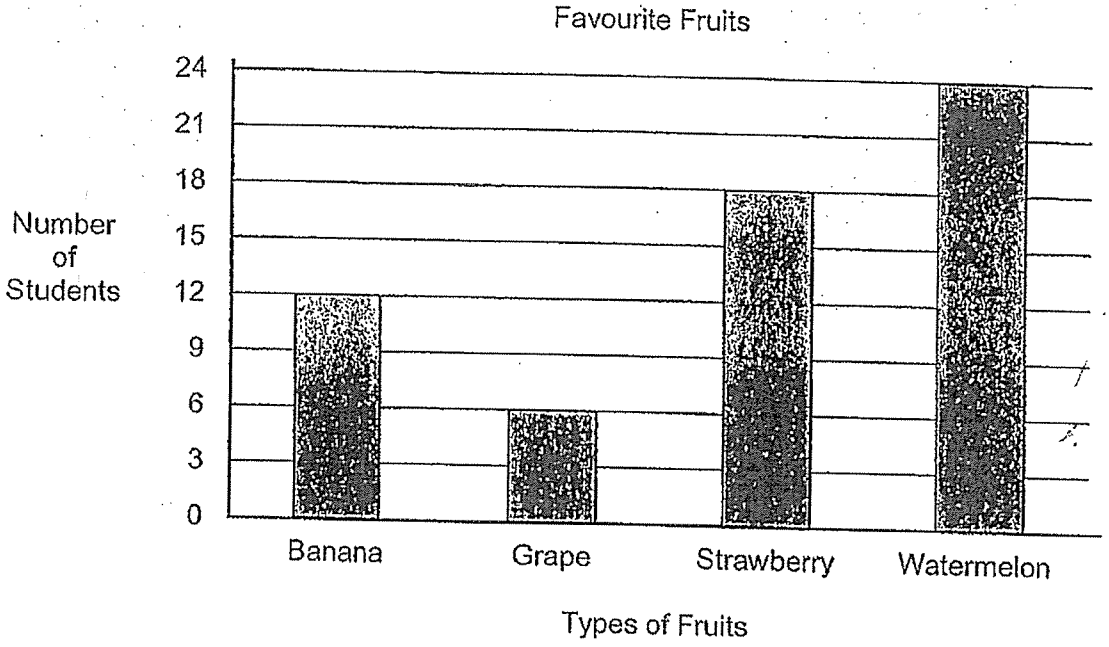
(1) $8.10
(2) $8.40
(3) $8.60
(4) $8.80

5. Which of the following has the same value as 5 × 4?

(1) 4 + 5
(2) 4 + 4 + 4 + 4
(3) 5 + 5 + 5 + 5
(4) 5 + 5 + 5 + 5 + 5

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6. The bar graph shows the favourite fruits of a group of students.



Which fruit is the least popular?

(1) Banana
(2) Grape
(3) Strawberry
(4) Watermelon

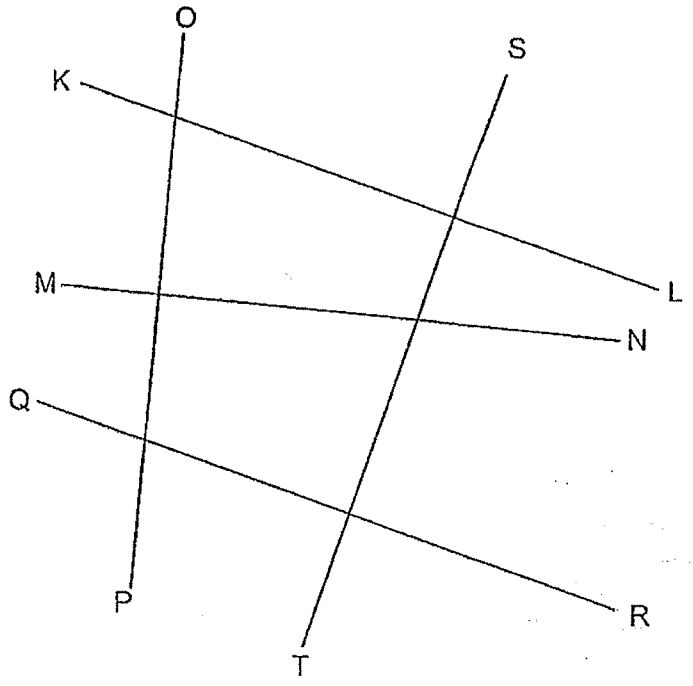
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7. $\frac{2}{3} = \frac{\boxed{?}}{12}$

What is the missing numerator in the box?

(1) 8
(2) 6
(3) 3
(4) 4

8. Which line is perpendicular to line KL?



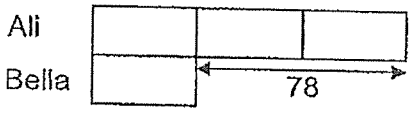
(1) MN
(2) OP
(3) QR
(4) ST

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9. Stephanie baked 108 cupcakes for a party.
She packed 8 cupcakes in each bag.
How many cupcakes were left unpacked?

(1) 5
(2) 2
(3) 3
(4) 4

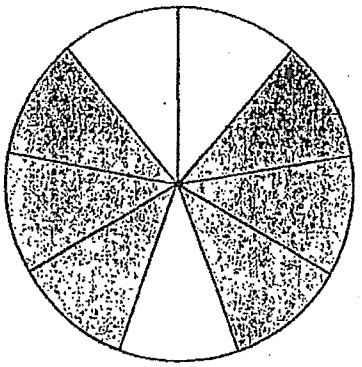
10. Ali has 3 times as many paper clips as Bella.
Ali has 78 more paper clips than Bella.
How many paper clips do they have altogether?



(1) 104
(2) 156
(3) 234
(4) 312

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11. The circle below is made up of equal parts.
What fraction of the circle is **not** shaded?



(1) $\frac{1}{3}$

(2) $\frac{1}{2}$

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

(4) $\frac{2}{3}$

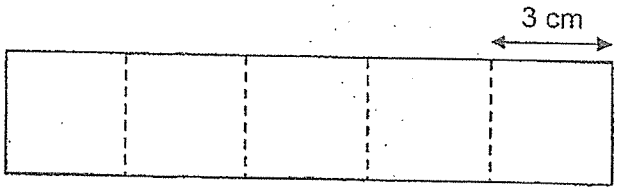
12. Arrange these fractions from the greatest to the smallest.

$$\frac{1}{2}, \frac{5}{8}, \frac{3}{10}, \frac{5}{9}$$

	greatest						smallest
(1)	$\frac{5}{9}$	,	$\frac{5}{8}$	,	$\frac{1}{2}$	,	$\frac{3}{10}$
(2)	$\frac{3}{10}$	,	$\frac{1}{2}$	,	$\frac{5}{9}$	,	$\frac{5}{8}$
(3)	$\frac{1}{2}$	,	$\frac{3}{10}$	,	$\frac{5}{8}$	,	$\frac{5}{9}$
(4)	$\frac{5}{8}$	,	$\frac{5}{9}$	,	$\frac{1}{2}$	,	$\frac{3}{10}$

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13. The rectangle below is made up of 5 identical squares.



What is the perimeter of the rectangle?

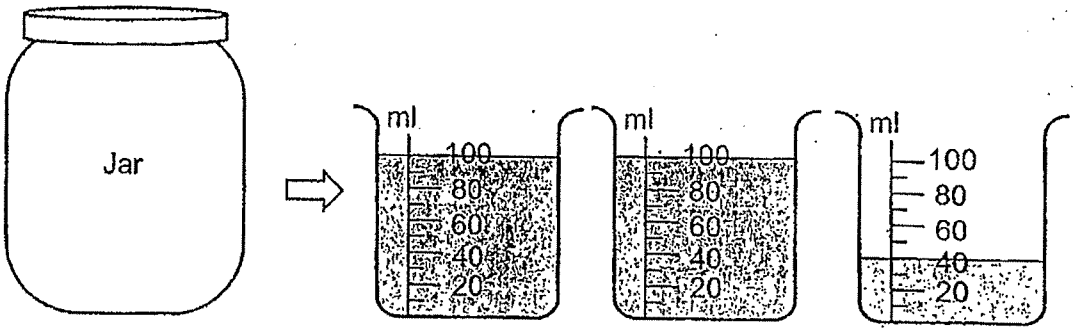
(1) 30 cm
(2) 36 cm
(3) 45 cm
(4) 48 cm

14. At first, Edwin had 35 more stickers than Gordon.
Gordon then gave 16 stickers to Edwin.
How many fewer stickers did Gordon have than Edwin in the end?

(1) 19
(2) 51
(3) 67
(4) 83

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15. The capacity of the jar is as shown below.



It takes 2 jars full of water to fill up 4 identical empty bottles completely.

What is the capacity of each bottle?

(1) 60 ml
(2) 120 ml
(3) 240 ml
(4) 480 ml

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Maha Bodhi School
2023 End-of-Year Examination
Primary 3
Mathematics
Booklet B

Name : _____ ( )

Class : Primary 3 _____

Date : 24 October 2023

Total Duration for Booklets A and B: 1 h 45 min

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1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Write your answers in this booklet.

Booklet	Marks Obtained	Max Marks
A		30
B		50
Total		**80**

Parent's signature: _____

This booklet consists of 12 printed pages.

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Section B (30 marks)

Questions **16** to **30** carry 2 marks each.
Show your working clearly and write your answers in the spaces provided.
For questions which require units, give your answers in the units stated.

16. Write eight thousand, seven hundred and five in number.

Ans: _____

17. Find the sum of 6849 and 675.

Ans: _____

18. What is the missing value in the equation?

$97.25 – $18.60 = ?

Ans: $ _____

/ 6

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19. There are 9 cookies in a box.
How many cookies are there in 6 such boxes?

Ans: _____

20. Write 7 kg 9 g in grams.

Ans: _____ g

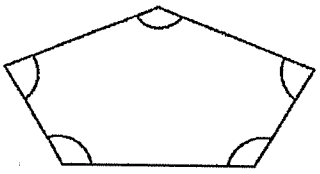
21. Express $\frac{42}{48}$ in its simplest form.

Ans: _____

/ 6

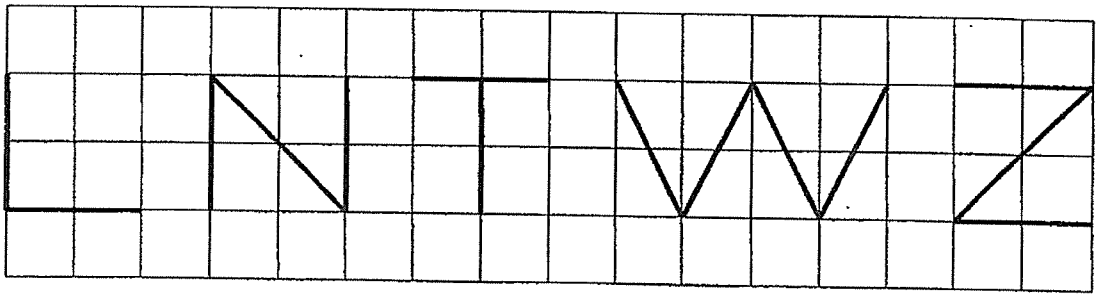
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22. How many of the marked angles inside the figure are acute angles?



Ans: _____

23. Five letters are drawn on the square grid.
How many of these letters have parallel lines?



Ans: _____

24. What is the missing number in the number pattern below?

570 , 590 , 600 , 620 , 630 , 650 , 660 , 680 , ?

Ans: _____

/ 6

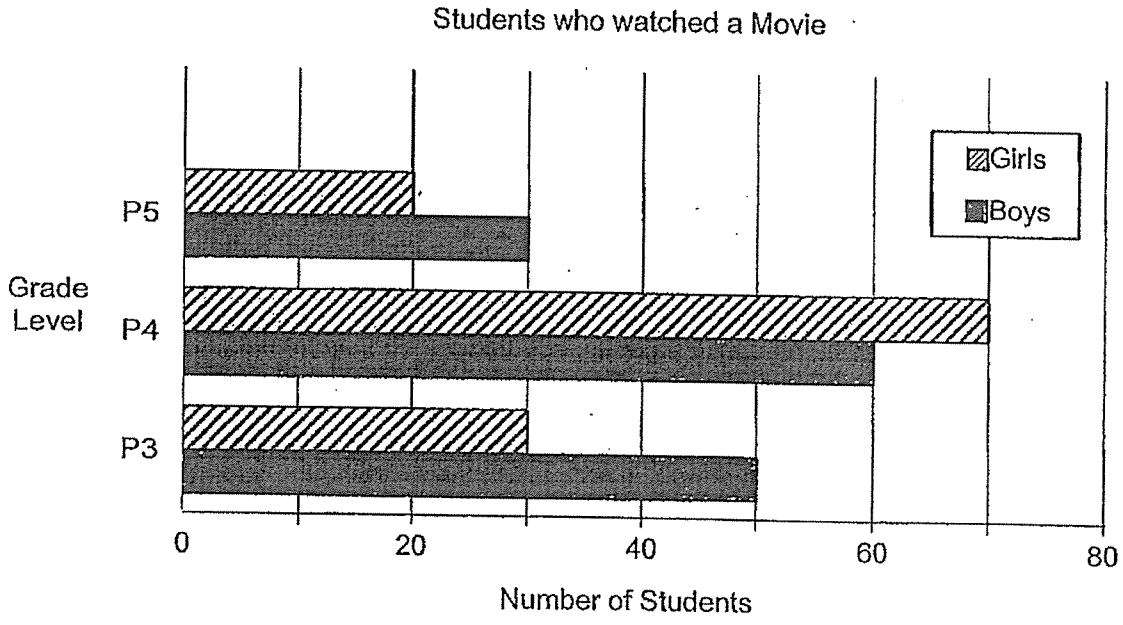
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25. What is the missing number in the box?

| ? | ÷ 8 = 93 R 4

Ans: _____

26. The bar graph shows the number of P3 to P5 students who watched a movie last month.



How many more P4 girls than P5 girls watched a movie last month?

Ans: _____

/ 4

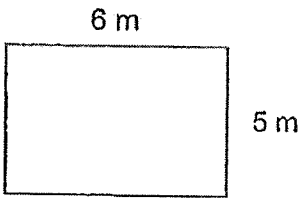
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27. What is the missing fraction in the box?

$$\frac{1}{9} + \boxed{?} = \frac{2}{3}$$

Ans: _____

28. The figure below shows a rectangle.



a) Find its area.

Ans: (a) _____ m^2

b) Find its perimeter.

Ans: (b) _____ m

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29. The difference between two numbers is 546.
The greater number is 7 times as big as the smaller number.
What is the greater number?

Ans: _____

30. According to his watch, Tom started painting at 15 45.
His watch was 20 minutes fast.
He took 35 minutes to complete his painting.
According to actual time, what time did Tom complete his painting?

Ans: _____

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Section C (20 marks)

Questions 31 to 34 carry 3 marks each.
Questions 35 and 36 carry 4 marks each.
Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

---

31. Mrs Lee bought a blouse for $41.65.
She also bought a pair of shoes for $33.80.
She gave the cashier a $100 note.
How much change did she receive?

Ans: _____ [3]

/ 3

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32. Mrs Lim had a jug of fruit punch at first.
After pouring the fruit punch equally into 8 glasses, she had 250 ml of fruit punch left in the jug.
Each glass contained 350 ml of fruit punch.
How much fruit punch was there in the jug at first?
Give your answer in litres and millilitres.

Ans: _____ [3]

/ 3

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33. Mrs Tan took 1 h 40 min to make a pizza.
Miss Ong took 30 min more than Mrs Tan to bake a cake.

a) How much time did Miss Ong take to bake the cake?
Give your answer in hours and minutes.

Ans: (a) _____ [2]

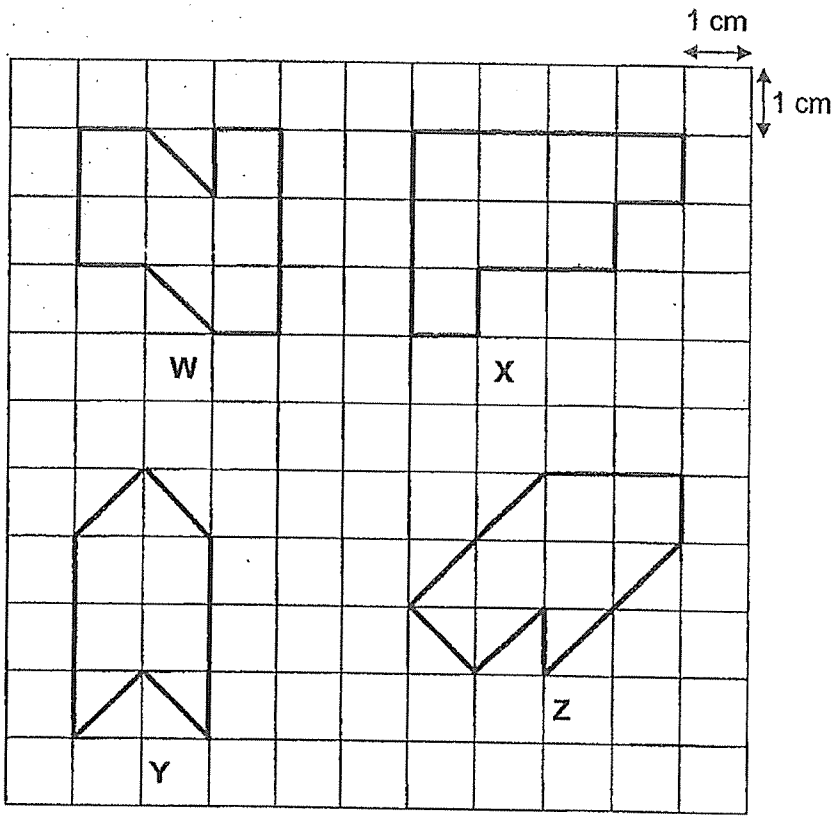
b) Miss Ong started baking the cake at 11.10 am.
What time did she finish baking the cake?

Ans: (b) _____ [1]

/ 3

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34. Figures W, X, Y and Z are drawn on the square grid.



a) Which two figures have the same area?

Ans: (a) Figures _____ and _____ [1]

b) What is the area of Figure Y?

Ans: (b) _____ [1]

c) What is the perimeter of Figure X?

Ans: (c) _____ [1]

/ 3

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35. Adeline collected 4 times as many stickers as Kathy.
They collected 120 stickers altogether.

(a) How many stickers did Kathy collect?

Ans: (a) _____ [2]

(b) Adeline and Kathy decided to pack the 120 stickers equally into packets of 9 to give to their friends.
How many stickers were left unpacked?

Ans: (b) _____ [2]

/ 4

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36. Some teachers and students from Ubi Primary School attended a concert.
There were 98 more students than teachers.
The number of male teachers was the same as the number of male students.
There were 26 male students and 15 female teachers

a) How many more male teachers than female teachers were there?

Ans: (a) _____ [2]

b) How many students were there?

Ans: (b) _____ [2]



Remember to check your work!
End of Paper

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YEAR : 2023
LEVEL : PRIMARY 3
SCHOOL : MAHA BODHI SCHOOL
SUBJECT : MATHEMATICS
TERM : END OF YEAR EXAMINATION

(BOOKLET A)

Q1	3	Q2	2	Q3	2	Q4	3	Q5	3
Q6	2	Q7	1	Q8	4	Q9	4	Q10	2
Q11	1	Q12	4	Q13	2	Q14	3	Q15	2

(BOOKLET B)

Q16	8705	Q17	7524
Q18	$78.65	Q19	54
Q20	7009g	Q21	$\frac{7}{8}$
Q22	2	Q23	3
Q24	690	Q25	748
Q26	50	Q27	$\frac{5}{9}$
Q28	a) 6 x 5 = 30m^2 b) (6m + 5m) x 2 = 22m	Q29	546 ÷ 6 = 91 91 x 7 = 637
Q30	1945 – 20min = 1525 1525 + 35min = 1600	Q31	$41.65 + $33.80 = $75.45 $100 - $75.45 = $24.55
Q32	350ml 8 = 2800ml 2800ml + 250ml = 3050ml 3L 50ml	Q33	a) 1h 40min = 2h10min b) 1:20pm
Q34	a) Figures 1 and 2 b) 6cm^2 c) 14cm	Q35	a) 120 ÷ 5 = 24 b) 120 ÷ 9 = 13 R3 Ans: 3
Q36	a) 26 – 15 = 11 b) 26 + 15 = 41 41 + 98 = 139		

END

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