Revision Paper (Set 1) LA1
MATHEMATICS
PRIMARY FOUR

Name: _____ ( ) Class: Primary 4 ___

Date: _____ Duration of Booklets A & B: 1 hour 45 minutes

_____
Parent's/Guardian's signature

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of **16** printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.

Section	Maximum Marks	Marks Obtained
A. Multiple-Choice Questions	30	
B. Short Answers	40	
C. Problem Sums	30	
Total Marks	100	

SECTION A - Multiple Choice Questions (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). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS).

1. 47 thousands and 19 tens is the same as _____.

   (1) 4 719

   (2) 47 019

   (3) 47 109

   (4) 47 190

2. Which of the following numbers when rounded off to the nearest ten becomes 78 400?

   (1) 78 357

   (2) 78 392

   (3) 78 404

   (4) 78 416

3. Which number below is 12.8 less than 479.65?

   (1) 466.85

   (2) 478.37

   (3) 480.93

   (4) 492.45

4. Arrange the following decimals from the greatest to the smallest.

6.93 , 9.306 , 6.903 , 9.63

(greatest) *(smallest)*

(1) 9.306 , 9.63 , 6.903 , 6.93

(2) 9.306 , 6.93 , 9.63 , 6.903

(3) 9.63 , 9.306 , 6.93 , 6.903

(4) 9.63 , 6.903 , 9.306 , 6.93

5. Write $12\frac{17}{50}$ as a decimal.

(1) 12.17

(2) 12.34

(3) 12.50

(4) 12.67

6. How many one-eighths are there in 6 wholes?

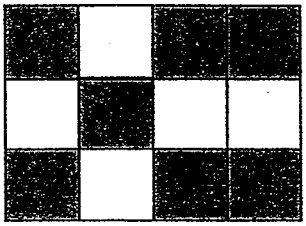
(1) 16

(2) 24

(3) 40

(4) 48

7. The figure shown is made up of identical squares. What fraction of the figure is shaded?



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

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

(3) $\frac{7}{12}$

(4) $\frac{5}{12}$

8. Hannah baked 40 muffins. She sold $\frac{2}{5}$ of the muffins at \$3 each. How much money did she collect from the sale of those muffins?

(1) \$16

(2) \$24

(3) \$48

(4) \$72

9. A movie ended at 9.25 p.m. The duration of the movie was 125 min. What time did the movie start?

(1) 7.20 p.m.

(2) 8.00 p.m.

(3) 10.50 p.m.

(4) 11.30 p.m.

10. 0.87 is the same as _____.

(1) $8+\frac{7}{10}$

(2) $\frac{8}{10}+\frac{7}{10}$

(3) $\frac{8}{100}+\frac{7}{100}$

(4) $\frac{8}{10}+\frac{7}{100}$

11. A wire is bent into a square of area 36 cm^2. What is the length of the wire?

(1) 36 cm

(2) 24 cm

(3) 9 cm

(4) 6 cm

12. What is the least number of sweets that can be shared equally among 2, 3 or 4 children without any remainder?

(1) 12

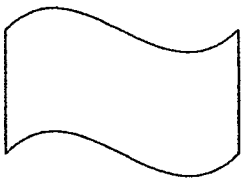
(2) 16

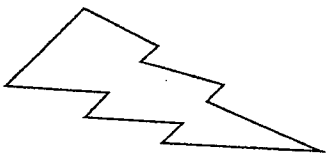
(3) 18

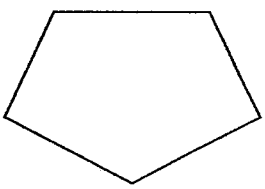
(4) 24

13. Which one of the following figures is symmetrical?

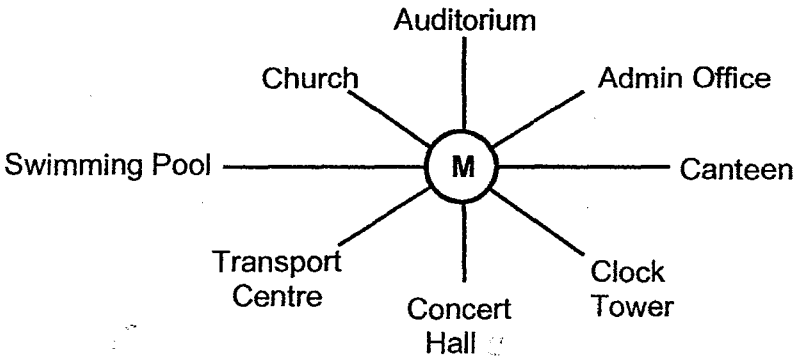
(1) 

(2) 

(3) 

(4) 

14. Mindy is standing at the point marked **M** in the figure below. She is facing the transport centre. What will she face when she turns 135^0 anti-clockwise?



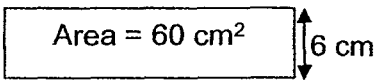
(1) Auditorium

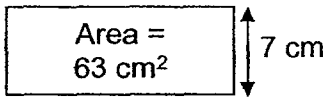
(2) Concert Hall

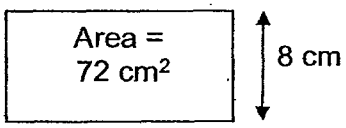
(3) Canteen

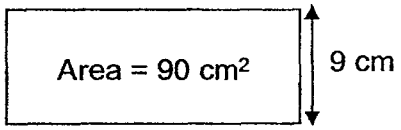
(4) Clock Tower

15. Which of the following rectangles has the largest perimeter?

(1) 

(2) 

(3) 

(4) 

SECTION B - Short Answers (40 Marks)

Questions 16 to 35 carry 2 marks each. Show all workings clearly.
Write your answer in the space provided. Give your answers in the units stated and in its simplest form whenever possible.

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

18 000, 17 200, _____, 15 600, 14 800, 14 000

Answer : _____

17. Some factors of 32 are 1, 2, 4 and 32. What are the other two factors of 32?

Answer : _____

18. What is the product of the 3^{rd} multiple of 4 and the 5^{th} multiple of 6?

Answer : _____

19. What is the remainder when 4 927 is divided by 8?

Answer : _____

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

$$\frac{7}{8}, \frac{4}{9}, \frac{2}{4}, \frac{5}{12}$$

Answer : _____ and _____

21. Write $\frac{50}{8}$ as a mixed number in its simplest form.

Answer : _____

22. Find the value of $1-\frac{1}{8}-\frac{1}{4}$.

Answer : _____

23. $7.125 = 7\ \frac{1}{10}+\frac{\square}{50}+\frac{5}{1000}$. What is the missing number in the box?

Answer : _____

24. $8.7 - 0.96 =$ _____

Answer : _____

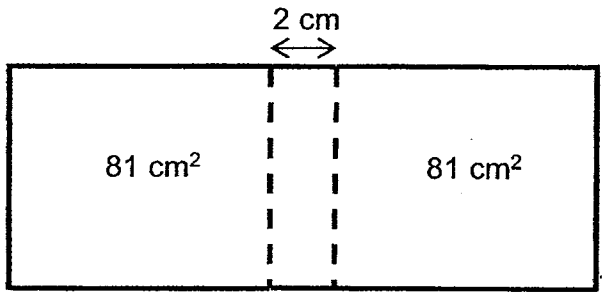
25. Find the value of 1.82×9.

Answer : _____

26. A basketball game at the outdoor court was supposed to start at 8.40 a.m. However the game was delayed due to heavy rain. If the entire game lasted for 45 min and ended at 10.15 a.m., how long was the game delayed?

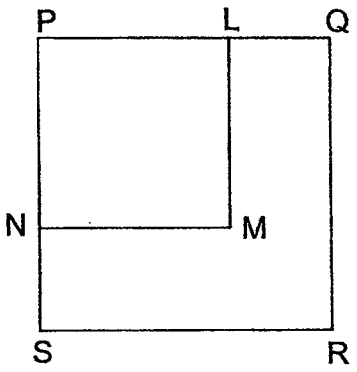
Answer : _____ min

27. The figure below is made up of 2 identical squares of area of 81 cm^2 each and a rectangle of breadth 2 cm. Find the perimeter of the whole figure.



Answer : _____ cm

28. In the figure below, the area of the bigger square PQRS is 64 cm^2. The area of the smaller square PLMN is 25 cm^2. Find the length of LQ.

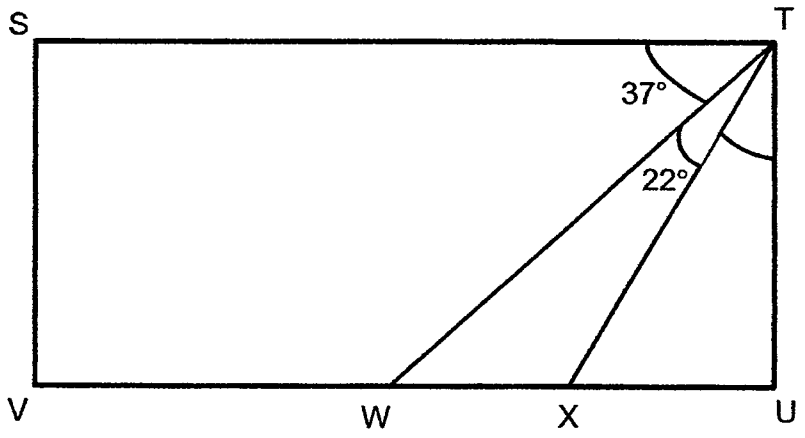


Answer : _____ cm

29. Dolly mixed 2 litres of apple syrup with 5 litres of water to fill up 8 similar jugs. How much apple drink was there in each jug?

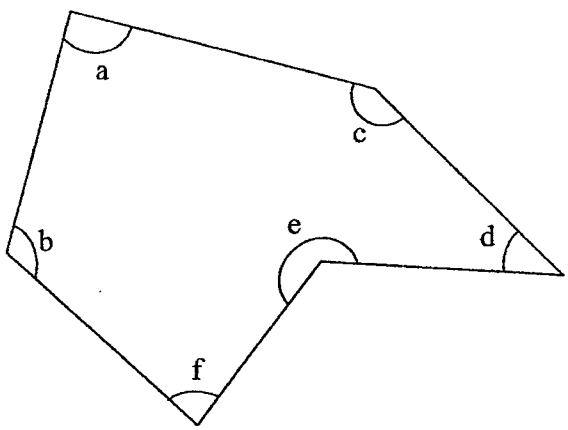
Answer : _____ litres

30. In the figure shown, STUV is a rectangle. Find $\angle$ UTX.



Answer : _____°

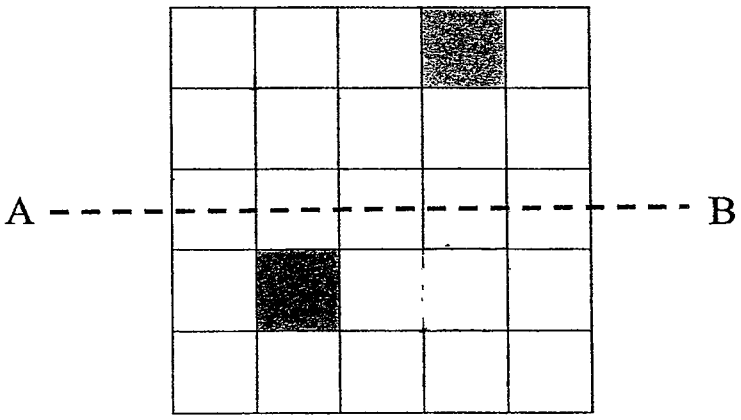
31. In the figure, one of the angles is a right angle. Name the angle.



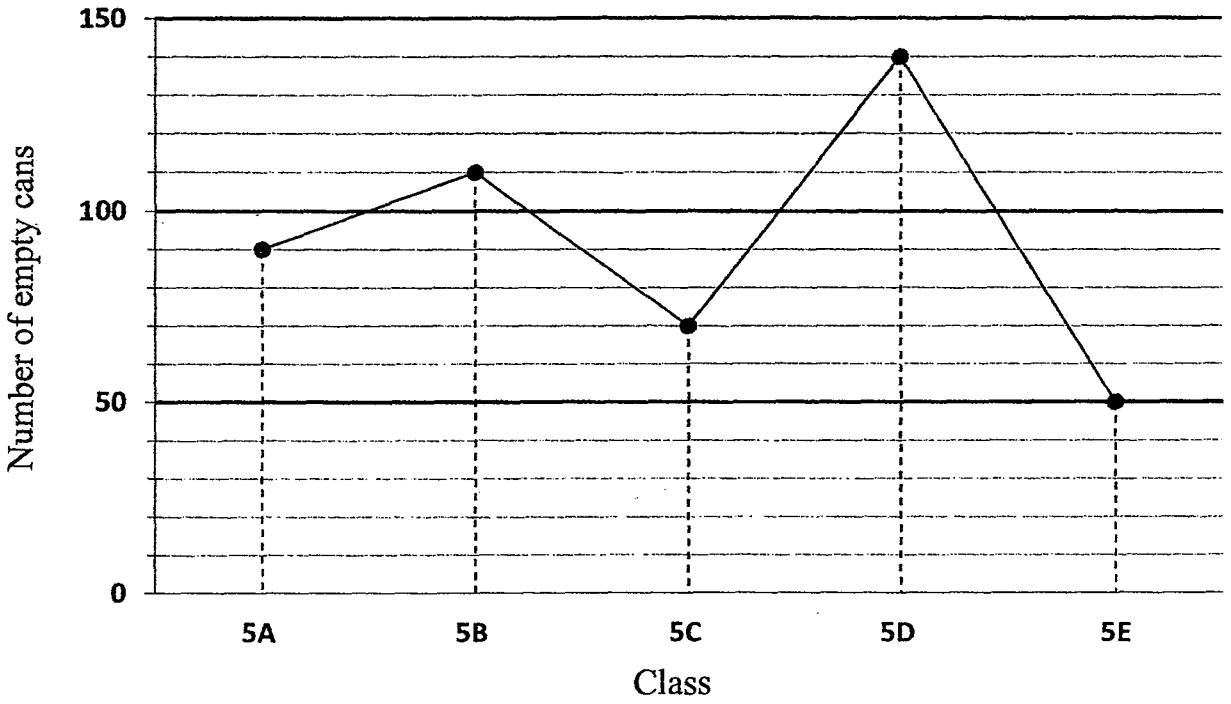
Answer : $\angle$ _____

32. In the figure below, the dotted line AB is the line of symmetry.

Shade <u>two</u> more unit squares on the figure below to complete the symmetric figure.



Study the graph below carefully and answer questions 33, 34 and 35. The graph below shows the number of empty cans collected by classes 5A, 5B, 5C, 5D and 5E for a recycling project.



33. How many more empty cans were collected by 5D than 5A?

Answer : _____

34. There were two classes that collected a total of 250 empty cans. Which are the two classes?

Answer : Class _____ and Class _____

35. Express the number of empty cans collected by class 5D as a fraction of the total number of empty cans collected by all classes. Give your answer in its simplest form.

Answer : _____

SECTION C - Problem Sums (30 Marks)

For each question from 36 to 43, show your working and mathematical statements clearly in the space below each question. Write your answer in the answer space provided. Give your answers in the units stated and in its simplest form whenever possible. Marks awarded are shown in the brackets [ ].

36. Barker Cake Shop baked 4 352 tarts. The tarts were packed into 70 large boxes of 29 tarts each and the rest into small boxes of 9 tarts each.

(a) How many tarts were packed into the large boxes?

(b) How many small boxes of 9 tarts were there?

Answer : (a) _____ [1]

(b) _____ [2]

37. At a stationery fair, Matthew bought 2 identical pencil cases and 3 identical marker pens for $21.10. Kelvin bought 4 identical pencil cases and 5 identical marker pens for $38.50. How much did 1 marker pen cost?

Answer : _____ [3]

38. Rachel took 1h 50min to complete her homework. Joel took 40 min longer to complete the same homework.

a) How long did Joel take to complete his homework? Give your answer in hours and minutes.

b) If Rachel completed her homework at 17 35, what time did she start doing her homework? Leave your answer in 12 h format.

Answer : (a) _____ [2]

(b) _____ [2]

39. Joseph had a collection of blue, green and yellow buttons. $\frac{1}{6}$ of the buttons were green, $\frac{2}{5}$ of the remaining buttons were yellow and the rest were blue.

a) What fraction of the buttons were blue? Give your answer in the simplest form.

b) If he had 36 yellow buttons, how many buttons did he have in all?

Answer : (a) _____ [1]

(b) _____ [3]

40. David had 73.5 kg of durians more than Jonathan. After Jonathan sold $\frac{2}{3}$ of his durians, David had 95.2 kg more durians than Jonathan. How many kilograms of durians did Jonathan have at first?

Answer : _____ [4]

41. Eve and Fiona had \$342 altogether. After Eve spent $\frac{1}{4}$ of her money and Fiona spent \$27, they had the same amount of money left. How much money did Eve have at first?

Answer : _____ [4]

42. David had 351 more stamps than Ethan. After he had given 54 stamps to Ethan, David has twice as many stamps as Ethan. How many stamps did David have at first?

Answer : _____ [4]

43. Christopher had $154 more than Ryan at first. After Christopher gave $262 to Ryan, Ryan had 3 times as much as Christopher. How much did they have altogether?

Ans: _____ [4]

End of Booklet B

ANSWER KEY

YEAR : 2017
LEVEL : PRIMARY 4
SCHOOL : ANGLO-CHINESE (PRIMARY)
SUBJECT : MATHEMATICS
TERM : CA1

Booklet A

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

Booklet B

16) 16 400

17) 16 , 8

18) 360

19) 7

20) $\frac{4}{9}$ and $\frac{5}{12}$

21) $6\frac{1}{4}$

22) $\frac{5}{8}$

23) 1

24) 7.74

25) 16.38

26) 50 min

27) 58 cm

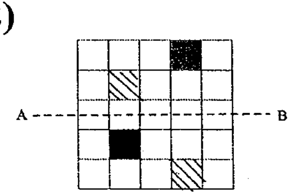
28) 3 cm

29) 0.875 litres

30) 31°

31) ∠a

32)



33) 50 empty cans

34) Class 5B and Class 5D

35) $\frac{7}{23}$

36) (a) $70 \times 29 \Rightarrow$ <u>2030 tarts</u>

(b) $4352 - 2030 = 2322$
$2322 \div 9 \Rightarrow$ <u>258 small boxes</u>

37) $\$38.50 - \$21.10 = \$17.40$
$\$17.40 \div 2 = \$8.70$
$\$8.70 \times 4 = \$34.80$
$\$38.50 - \$34.80 \Rightarrow$ <u>$3.70</u>

38) (a) 2h 30min

(b) 3:45 pm

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

(b) $2u \rightarrow 36$
$1u \rightarrow 36 \div 2 = 18$
$6u \rightarrow 18 \times 6 \Rightarrow$ <u>108 buttons</u>

40) $95.2 - 73.5 = 21.7$
$21.7 \div 2 = 10.85$
$10.85 \times 3 \Rightarrow$ <u>32.55 kg</u>

41) $\$342 - \$27 = \$315$
$\$315 \div 7 = \$45$
$\$45 \times 4 \Rightarrow$ <u>$180</u>

42) $351 - 54 = 297$
$297 + 351 \Rightarrow$ <u>648 stamps</u>

43) $2u = 108 + 262 = 370$
$1u = 370 \div 2 = 185$
$4u = 185 \times 4 = 740$
They have $740.

End