



**CHIJ PRIMARY (TOA PAYOH)
SEMESTRAL ASSESSMENT 2 2022**

NAME REGISTER
NUMBER FORM CLASS

**MATHEMATICS
PRIMARY THREE**

31 October 2022

Time: 1h 45 min

Additional Materials: Optical Answer Sheet (OAS)

INSTRUCTIONS TO CANDIDATES

1. Write your name, form class and register number clearly above.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.

Section A		30
Section B		32
Section C		18
Total		80

Parent's / Guardian's Signature:

This booklet consists of [20] printed pages including this cover page.

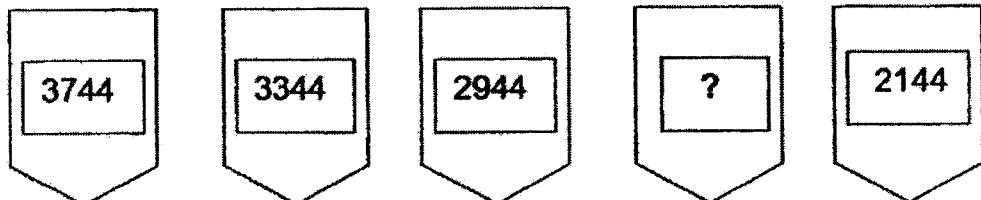
Section A

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 on the Optical Answer Sheet.

1. What is the value of the digit '6' in the number 6987?

- (1) 6
- (2) 60
- (3) 600
- (4) 6000

2. What is the missing number in this pattern?



- (1) 2544
- (2) 2744
- (3) 3344
- (4) 3544

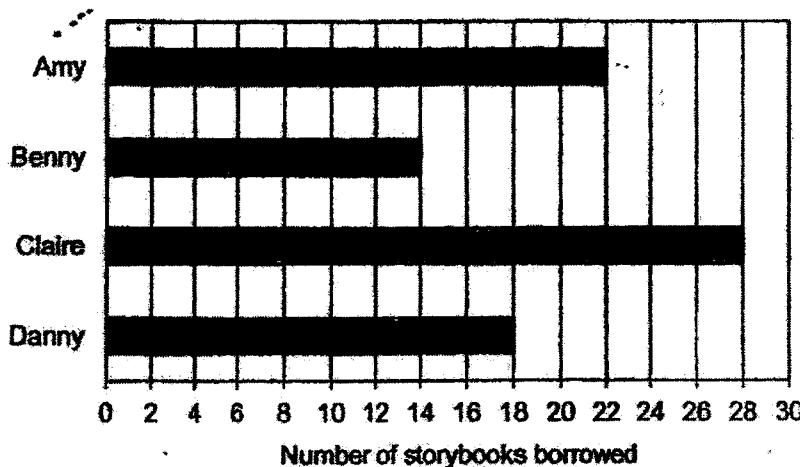
3. Mr Leong asked his pupils to convert 9 m 6 cm to cm.
Which pupil wrote it correctly?

	Name of pupil	Pupil's Answer
(1)	Alan	96 cm
(2)	Boon Huat	906 cm
(3)	Fadhila	960 cm
(4)	Zachery	9006 cm

4. $5 \text{ threes} + 2 \text{ threes} = \underline{\hspace{2cm}}$.

- (1) 2×3
- (2) 2×5
- (3) 3×3
- (4) 7×3

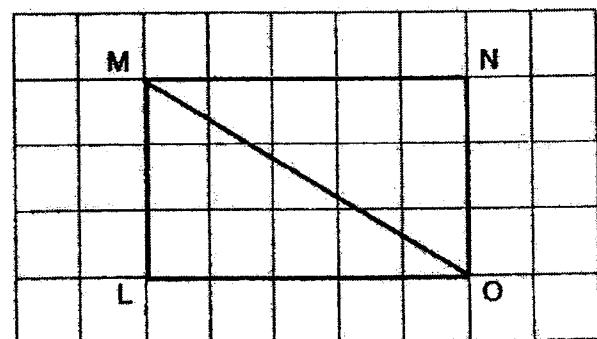
5. The bar graph below shows the number of books borrowed by 4 children in the month of December.



Who borrowed the most number of books?

- (1) Amy
- (2) Benny
- (3) Claire
- (4) Danny

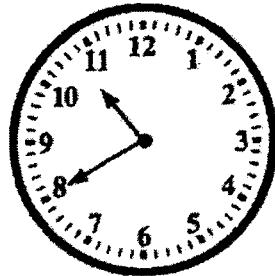
6. Which 2 lines are perpendicular to line LO in the rectangle shown below?



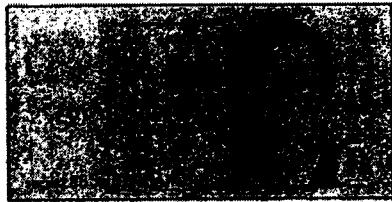
- (1) ML and NO
- (2) ML and MN
- (3) MO and ML
- (4) MN and NO

7. What time does the clock show?

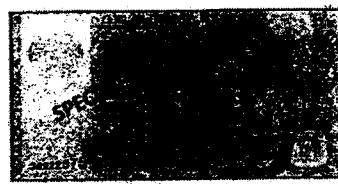
- (1) 20 minutes to 10
- (2) 50 minutes past 10
- (3) 20 minutes to 11
- (4) 40 minutes past 11



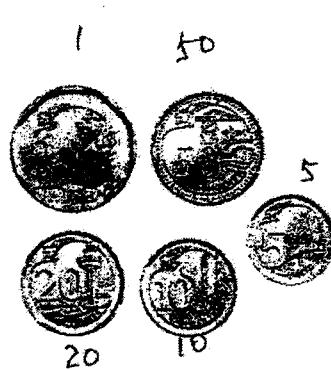
8. What is the amount of money shown below?



\$ 10



\$ 5



- (1) \$15.55
 - (2) \$15.85
 - (3) \$16.55
 - (4) \$16.85
9. Which fraction is equivalent to $\frac{1}{2}$?

- (1) $\frac{1}{12}$
- (2) $\frac{2}{4}$
- (3) $\frac{6}{8}$
- (4) $\frac{3}{4}$

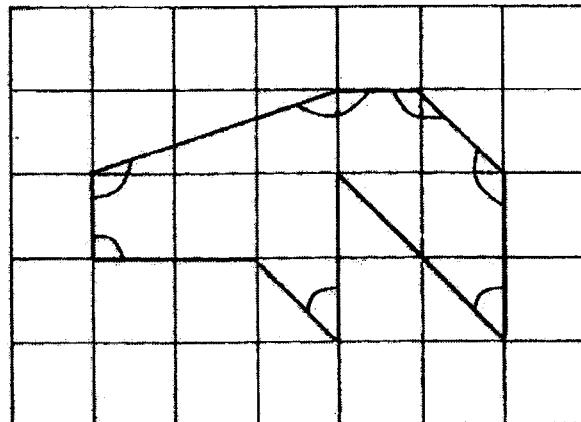
10. Which one of the following will add up to an answer that is an odd number?

- (1) $1333 + 2001$
- (2) $1245 + 2321$
- (3) $1719 + 2002$
- (4) $1609 + 2131$

11. 4 thousands 27 hundreds = _____ thousands and 17 hundreds.

- (1) 7
- (2) 6
- (3) 5
- (4) 4

12.



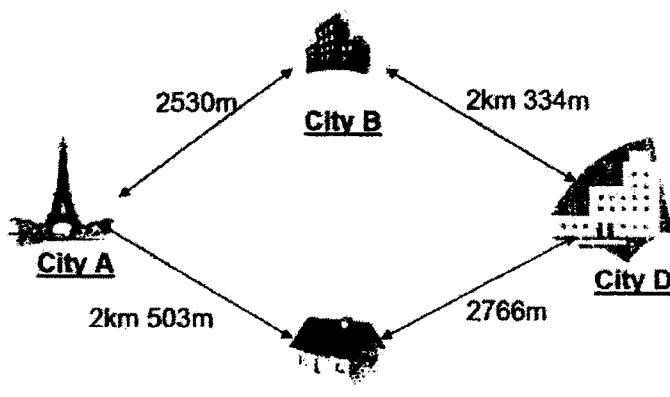
How many of the marked angles inside the figure above are obtuse angles and acute angles?

	Obtuse Angles	Acute Angles
(1)	3	3
(2)	4	3
(3)	4	2
(4)	5	2

13. There are 266 children going to the zoo. There are 7 buses and each bus can seat 35 children. How many children will not have a seat?

- (1) 5
- (2) 21
- (3) 38
- (4) 245

14. Mr Colman wants to travel from City A to City D. What is the distance of the shortest route that he should take?



- (1) 2334 m
- (2) 2766 m
- (3) 4864 m
- (4) 5269 m

15. Jack, Marcy, Tabby and Porsha have some stickers.

Jack has 15 more stickers than Marcy.

Marcy has 28 fewer stickers than Tabby.

Porsha has 10 more stickers than Jack.

Who has the most stickers?

- (1) Jack
- (2) Marcy
- (3) Porsha
- (4) Tabby

7

Name: _____ () Class: Primary 3 _____

32

Section B (16 x 2m = 32 marks)**Work out each question and write its answer in the blank.**

16. What is the missing number in the box?

$$2503 = 2000 + \boxed{\quad} + 3$$

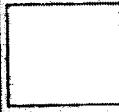
Ans: _____

17. Convert 205 min into hours and minutes.

Ans: ____ h ____ min

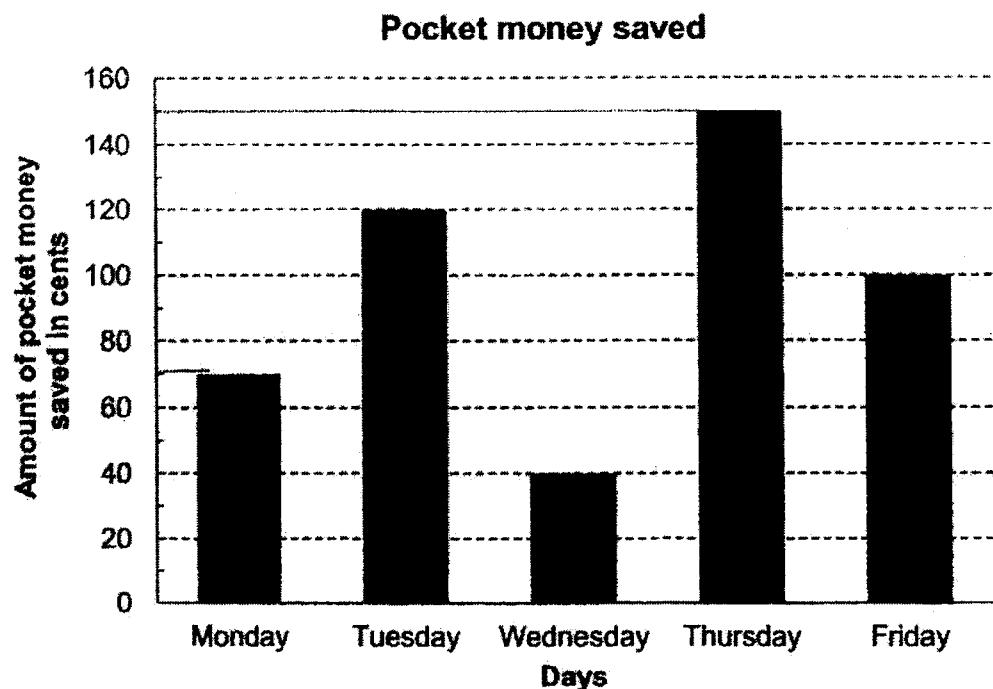
18. Arrange the following fractions from the greatest to the smallest.

$$\frac{3}{5}, \frac{1}{4}, \frac{7}{10}$$

Ans: _____, _____, _____
greatest

The graph below shows the amount of money Tara saved from her daily pocket money of \$2 over five days.

Study the graph carefully and answer questions 19 and 20.



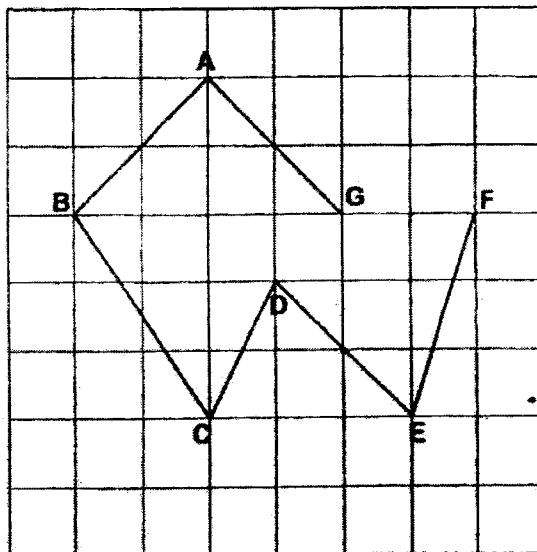
19. How much money did Tara save on Monday?

Ans: _____ cents

20. On which day did Tara spend the most money?

Ans: _____

21. Study the figure below carefully.



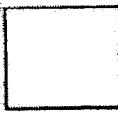
- (a) Use a ruler to draw a line perpendicular to DE, passing through point F.
- (b) Name a line parallel to AG.

Ans: (a) AG // _____

22. $\frac{1}{3} + \frac{3}{9} = \underline{\hspace{2cm}}$

Give your answer in the simplest form.

Ans: _____



10

23. How many tens are there in the quotient of $1560 \div 6$?

Ans: _____ tens

24. There are 3546 chocolate cupcakes. There are 1649 more chocolate than vanilla cupcakes. How many vanilla cupcakes are there?

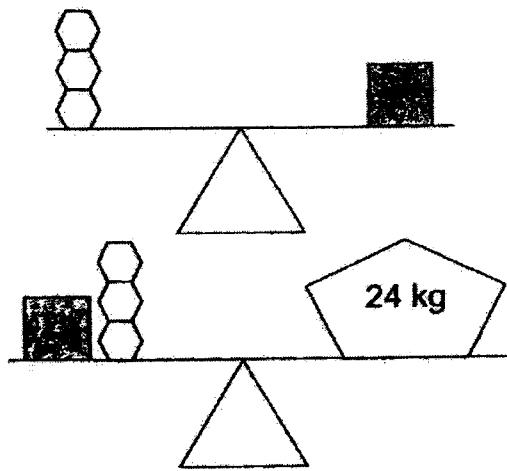
Ans: _____

11

25. The sum of two numbers is 300. The difference between the two numbers is 70. What is the smaller number?

Ans: _____

26. What is the mass of each ?



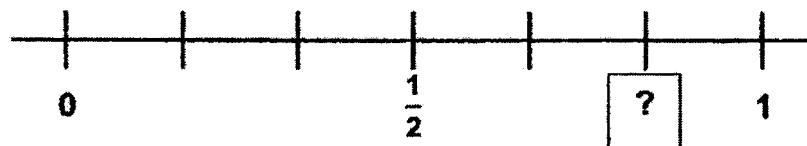
Ans: _____ kg

12

27. The capacity of a jug is 1200 ml. 3 bottles can fill the jug completely. 4 glasses of water can fill a bottle completely. What is the capacity of a glass?

Ans: _____ ml

28. Look at the number line below. What is the missing fraction?



Ans: _____

13

29. Arrange the following in an increasing order, beginning from the smallest.

7 ℥ 404 ml

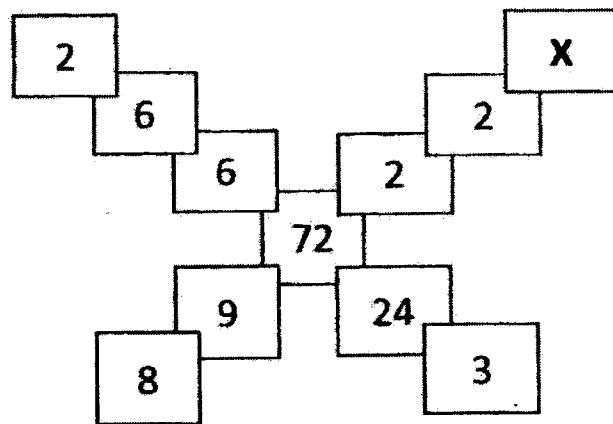
74 ℥

7074 ml

7004 ml

Ans: _____, _____, _____, _____
(smallest)

30. Look at the number pattern carefully. What is the value of X?



Ans: _____

14

31. The opening hours of a clinic are shown below.

XYZ Clinic Opening Hours
9.00 a.m. to 12.30 p.m.
2.15 p.m. to 5.15 p.m.
6.30 p.m. to 9.45 p.m.

How long is the clinic open each day?

Ans: _____ h _____ min



15

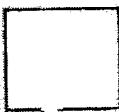
Name: _____ () Class: Primary 3 _____

18

Section C**Solve the following problem sums. Show your working clearly in the space provided and write your answers in the blanks.**

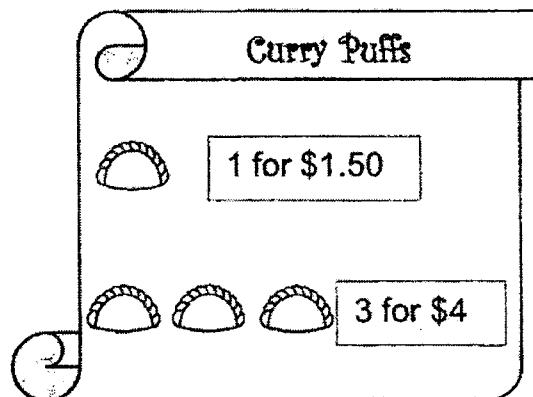
32. Mrs Lee sewed 7 flowers on each dress. She had 69 flowers left after sewing 183 dresses. How many flowers did Mrs Lee have at first?

Ans: _____ [3m]



16

33. Ah Koon bakery sold curry puffs at the following prices. Rita bought 13 curry puffs. What is the least amount that she had to pay?



Ans: _____ [3m]



17

34. Martha's dance lesson starts at 5.35 p.m. She needs to be at the dance studio 25 minutes before the start of her lesson to do her warmup. The journey from Martha's house to the dance studio takes 45 minutes.
- (a) What time must Martha leave her house?

Ans: _____ [2m]

- (b) Martha's dance lesson ended at 6.45 pm. How long was her dance lesson? Give your answer in h and min.

Ans: _____ [1m]



18

35. Sue collected 2075 seashells. Lina collected 779 seashells. Sue gave Lina some seashells so that they both have an equal number of seashells in the end. How many seashells did Lina have in the end?

Ans: _____ [3m]

19

36. A shopkeeper has a total of 14 two-dollar and ten-dollar notes. He has \$76 altogether. How many two-dollar notes does he have?

Ans: _____ [3m]



20

37. Mr Ravi and Mr Goh had the same amount of flour in their bakery. Mr Ravi used 960 g of flour while Mr Goh used 2500 g of flour to bake some bread. In the end, Mr Ravi had 3 times as much flour left as Mr Goh. How much flour did each of them have at first? Give your answer in kilograms and grams.

Ans: _____ [3m]

**The End
Striving For Accuracy**

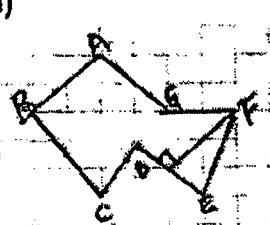
Setter: Mrs Narin & Ms Chandra

YEAR : 2022
 LEVEL : PRIMARY 3
 SCHOOL : CHU PRIMARY (TOA PAYOH)
 SUBJECT : MATHEMATICS
 TERM : SEMESTRAL ASSESSMENT 2

BOOKLET A

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

BOOKLET B

Q16	500	Q17	3h 25min
Q18	$\frac{7}{10}, \frac{3}{5}, \frac{1}{4}$	Q19	70 cents
Q20	Wednesday	Q21	<p>a)</p>  <p>b) AG // DE</p>
Q22	$\frac{3}{9} + \frac{3}{9} = \frac{6}{9} = \frac{2}{3}$	Q23	$1560 \div 6 = 260$ tens
Q24	$3546 - 1649 = 1897$	Q25	$300 - 70 = 230$ $230 \div 2 = 115$ $115 + 185 = 300$ Ans: 115
Q26	4 kg	Q27	$1200 \div 3 = 400$ $400 \div 4 = 100$ ml
Q28	$\frac{5}{6}$	Q29	7004ml, 7074ml, 71404ml, 74l
Q30	18	Q31	9h 45min
Q32	$183 \times 7 = 1281$ $1281 + 69 = 1350$	Q33	$4 \times 4 = 16$ $\$16 + \$1.50 = \$17.50$
Q34	a) 4.25 p.m. b) 1h 10min	Q35	$2075 - 779 = 1296$ $1296 \div 2 = 648$ $779 + 648 = 1427$
Q36	Guess and Check Number of \$2 dollar notes : 8 Value of \$2 dollar notes : $8 \times 2 = 16$ Number of \$10 dollar notes : 6 Value of \$10 dollar notes : $6 \times 10 = 60$ Total : \$76 Ans: 8	Q37	$2500 - 960 = 1540$ $1540 \div 2 = 770$ $770 \times 3 = 2310$ $2310 + 960 = 3270$ $3270g = 3\text{kg } 270\text{g}$

END

