Pei Hwa Presbyterian Primary School
Mathematics
Primary 3
Weighted Assessment 2

40

Name: _____ ( )

Class: 3R( )

Date: _____ **Parent's Signature:** _____

Section A: Multiple Choice Questions (15 marks)

Questions **1** to **5** carry 1 mark each. Questions **6** to **10** carry 2 marks each. For each question, four options are given. One of them is the correct answer. Write your answers in the brackets provided.

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1. Which of the following is the same as 12 m 7 cm?

   (1) 127 cm

   (2) 1207 cm

   (3) 1270 cm

   (4) 12 007 cm ( )

2. Which of the following is $\frac{1}{2}$ in its simplest form?

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

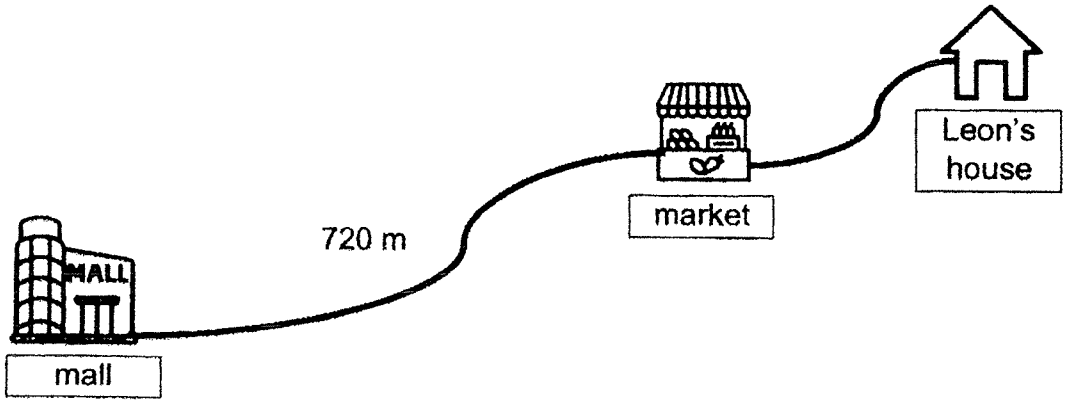
   (2) $\frac{6}{9}$

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

   (4) $\frac{6}{10}$ ( )

2

3. The distance from the mall to the market is 3 times the distance from the market to Leon's house. What is the distance between the market and Leon's house?



(1) 180 m

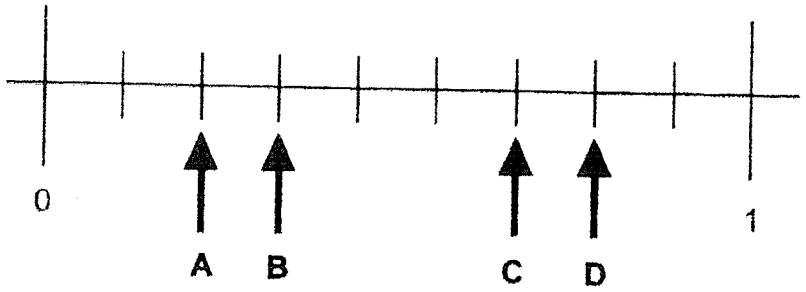
(2) 240 m

(3) 900 m

(4) 960 m

( )

4. Which of the following letters represent $\frac{3}{9}$?



(1) A

(2) B

(3) C

(4) D

( )

2

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

$$\frac{3}{10} \quad , \quad \frac{1}{2} \quad , \quad \frac{3}{5}$$

	Smallest				Greatest
(1)	$\frac{1}{2}$	,	$\frac{3}{5}$	,	$\frac{3}{10}$
(2)	$\frac{1}{2}$	,	$\frac{3}{10}$	,	$\frac{3}{5}$
(3)	$\frac{3}{10}$	,	$\frac{3}{5}$	,	$\frac{1}{2}$
(4)	$\frac{3}{10}$	,	$\frac{1}{2}$	,	$\frac{3}{5}$

( )

6. Find the value of A and B in the boxes.

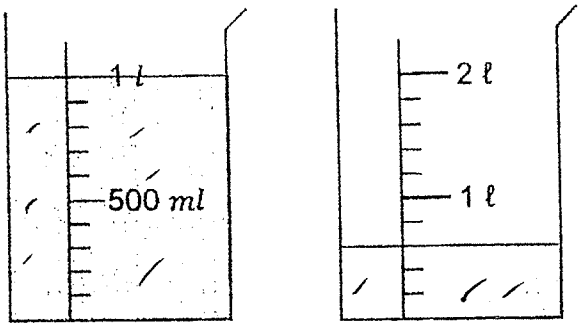
$$\frac{3}{7} = \frac{\boxed{A}}{21} = \frac{18}{\boxed{B}}$$

	A	B
(1)	6	13
(2)	6	42
(3)	9	14
(4)	9	42

( )

3

7. How much water is there in the two containers altogether?



(1) 2600 ml
(2) 2300 ml
(3) 1600 ml
(4) 1300 ml ( )

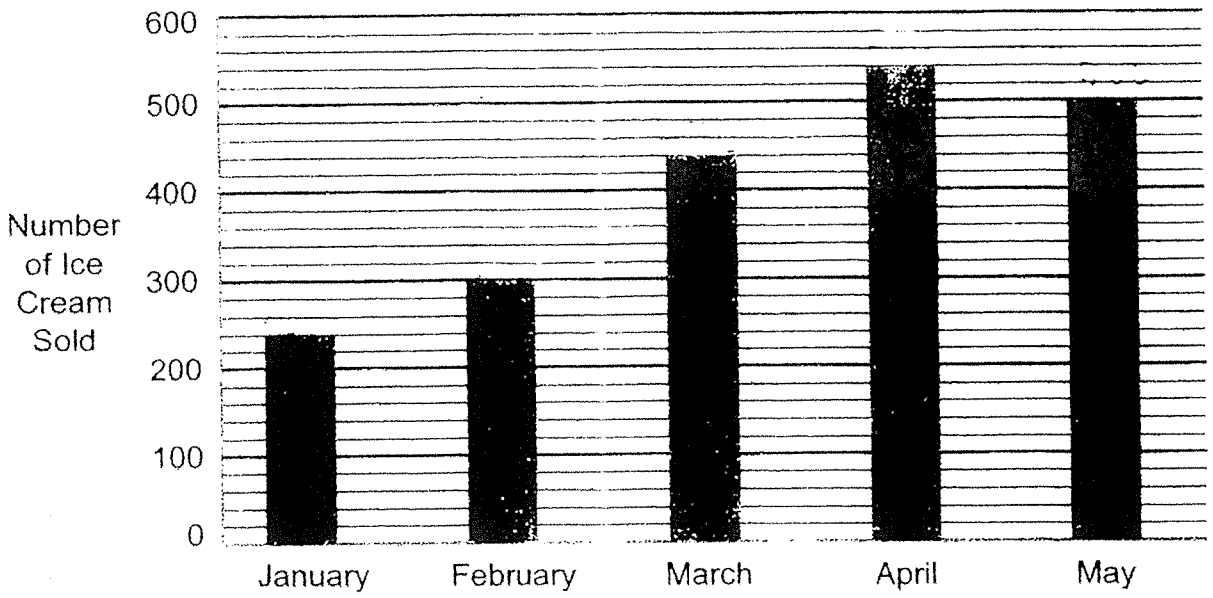
8. The capacity of a pail was 450 ml.
The capacity of the pail was three times as much as a container.
The capacity of the container was twice as much as a cup.
Find the capacity of the cup.

(1) 75 ml
(2) 90 ml
(3) 150 ml
(4) 300 ml ( )

4

Study the graph and answer Questions 9 and 10.

The bar graph below shows the number of ice cream sold in a shop from January to May.



9. When was the increase in the shop's sale of ice cream the greatest?

(1) January to February

(2) February to March

(3) March to April

(4) April to May ( )

10. Find the total number of ice cream sold in February and April.

(1) 1280

(2) 980

(3) 840

(4) 800 ( )

4

Section B (15 marks)

Questions 11 to 15 carry 1 mark each. Questions 16 to 20 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answer in the units stated.

11. Express $\frac{6}{10}$ in its simplest form.

Ans: _____

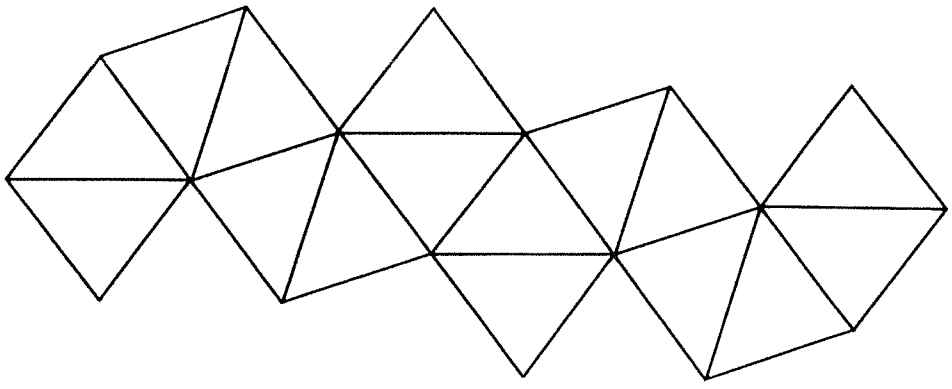
12. Find the missing number in the box.

$$\frac{1}{3} = \frac{4}{\square}$$

Ans: _____

13. The figure below is divided into equal parts.

Shade $\frac{3}{8}$ of the figure.

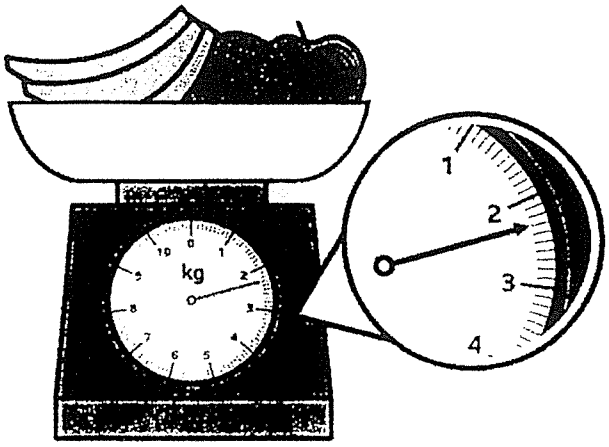


3

14. Give a possible fraction that is smaller than $\frac{1}{5}$.

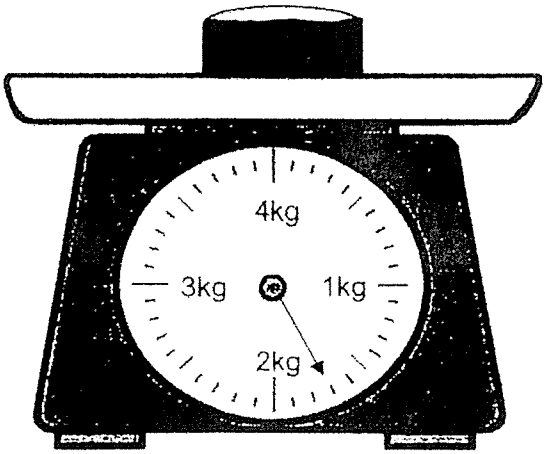
Ans: _____

15. Find the mass of the fruits in kilograms and grams.



Ans: ____kg _____ g

16. The mass of a container, half-filled with sand is shown on the weighing scale. The mass of the container is 50 g. Find the mass of the sand in the container.

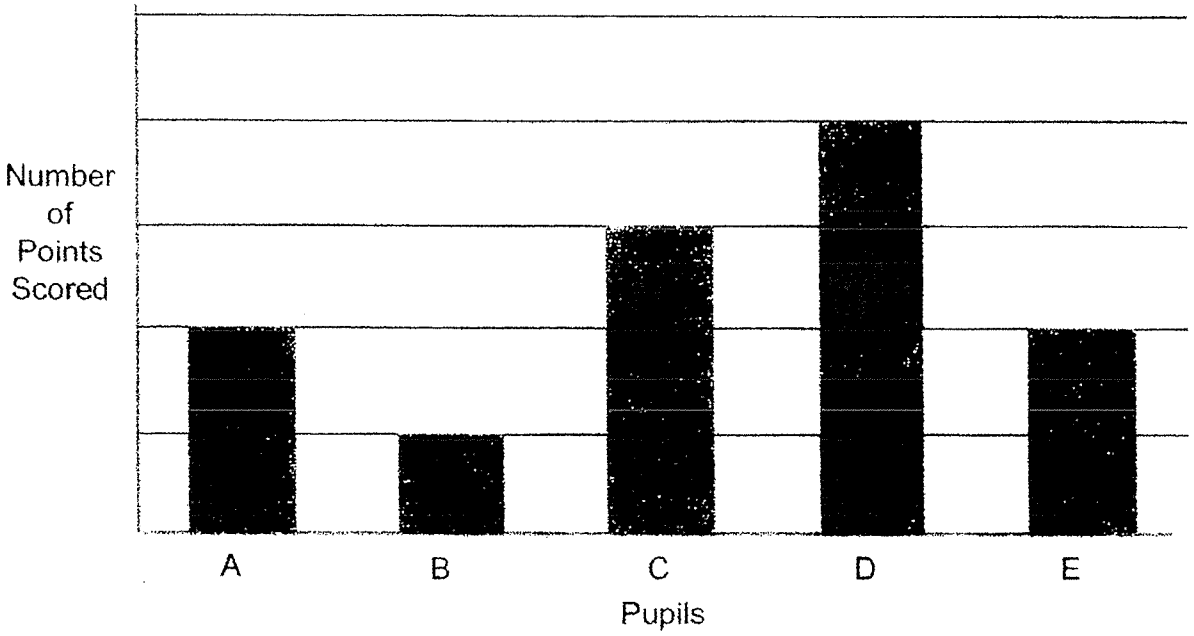


Ans: ____kg _____ g

4

Study the graph and answer Questions 17 and 18.

The bar graph below shows the number of points scored by 5 pupils in a game.



17. Pupil _____ scored the most number of points.

Ans: _____

18. Name the pupils who scored twice as many points as pupil B.

Ans: _____

4

19. The mass of three students, Adele, Belle and Cali was 129 kg.

Adele left and the mass of Belle and Cali became 87 kg.

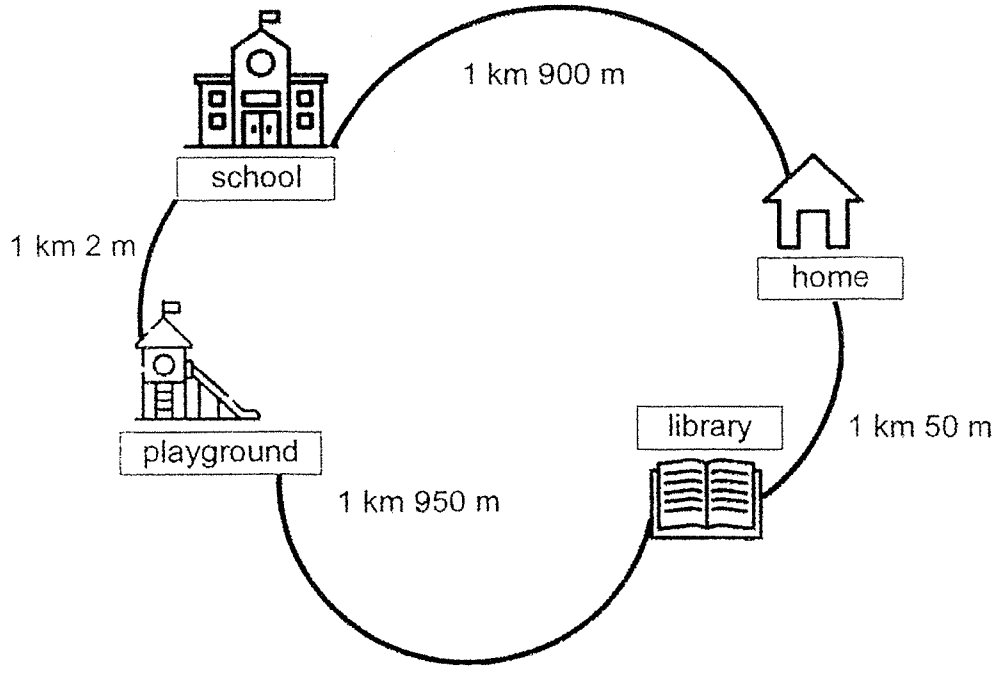
Cali's mass was 41 kg.

Who was the lightest and what was her mass?

Ans: Girl; _____

_____ kg

20. Find the total shortest possible distance between the school and the library in metres.



Ans: _____ m

4

Section C (10 marks)

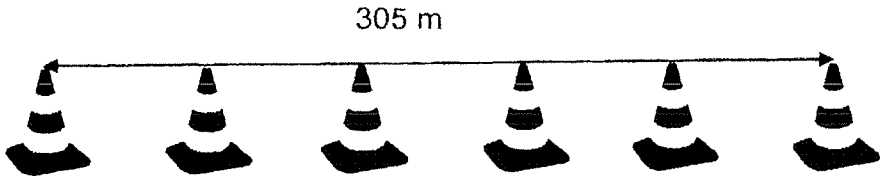
For questions 21 to 23, show your working and number statements clearly. Write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part question.

21. Michael places 6 cones at an equal distance apart.

The distance between the 1st and last cone is 305 m.

(a) What is the distance between 2 cones?

(b) What is the distance between the 1st and 10th cone in metres?



Working

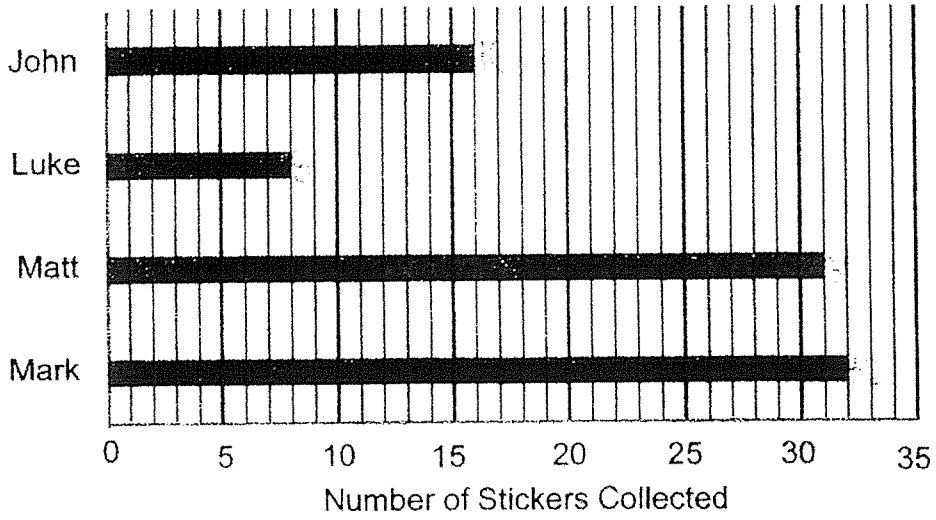
Ans: (a)_____ [1]

(b)_____ [2]

3

22. The bar graph shows the number of stickers 4 boys collected.

Working



(a) Who collected twice as many stickers as John?

(b) How many stickers should Mark give to Luke so that both boys will have an equal number of stickers?

Ans: (a) _____ [1]

(b) _____ [2]

3

23. The mass of a box containing an iron ball is 326 g.
When Alice puts in 4 more such iron balls into the box, the mass of the box and the iron balls becomes 786 g.

(a) What is the mass of an iron ball?

(b) What is the mass of the box?

Working

Ans: (a) _____ [3]

(b) _____ [1]

4

(End of Paper)

Name : _____ ( )

Class: _____

Date : _____

80

P3 Math Practice Paper 4

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) and shade your answer on the Optical Answer Sheet.

(30 marks)

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1. Which of the following is the same as 7535?

(1) 700 + 50 + 3 + 5
(2) 700 + 50 + 30 + 5
(3) 7000 + 500 + 3 + 5
(4) 7000 + 500 + 30 + 5 ( )

2. Which one of the following numbers has the smallest value?

(1) 7504
(2) 7405
(3) 7540
(4) 7450 ( )

3. A box contained 7 doughnuts. Jane bought 9 boxes of doughnuts. How many doughnuts were there altogether?

(1) 16
(2) 56
(3) 63
(4) 79 ( )

4. What is the value of the digit 7 in the number 9837?

(1) 7
(2) 70
(3) 700
(4) 7000 ( )

5. Fanny had 3 ten-dollar notes and 2 fifty-cent coins. She bought a toy which cost $6.50. How much money had she left?

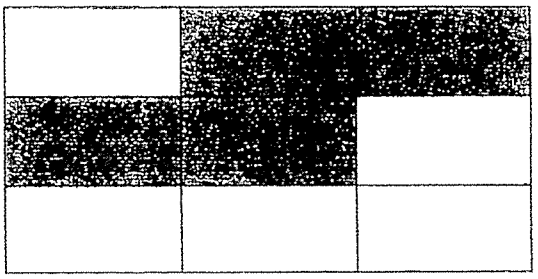
(1) $24.50
(2) $25.50
(3) $35.50
(4) $37.50 ( )

6. The height of the door in the classroom is about _____.

(1) 20 cm
(2) 2 cm
(3) 200 cm
(4) 2000 cm ( )

7. A rectangle is divided into 9 equal parts.

What fraction of the rectangle is shaded?



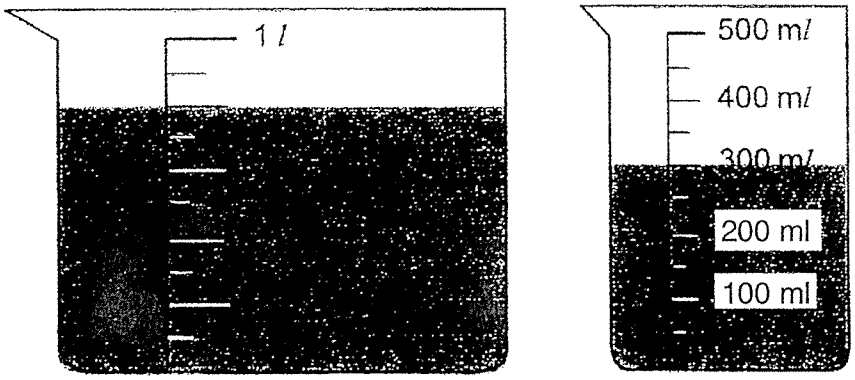
(1) $\frac{5}{9}$

(2) $\frac{4}{9}$

(3) $\frac{4}{8}$

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

8. Look at the volume of water in each container.



What is the total amount of water in the two containers?

(1) 1300 m*l*

(2) 1100 m*l*

(3) 800 m*l*

(4) 300 m*l* ( )

9. Which of the following fractions is expressed in its simplest form?

(1) $\frac{6}{7}$

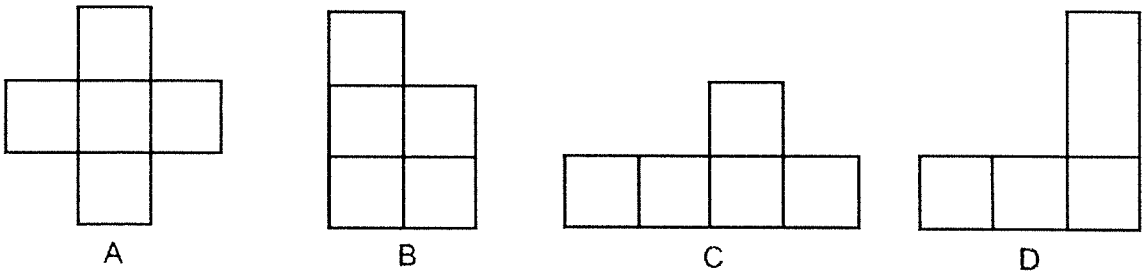
(2) $\frac{2}{4}$

(3) $\frac{8}{10}$

(4) $\frac{2}{12}$

( )

10. The figures below are made up of identical squares.



Which figure has the shortest perimeter?

(1) A

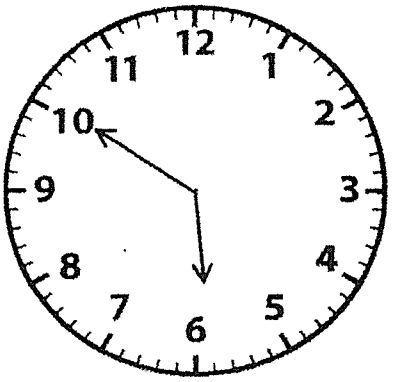
(2) B

(3) C

(4) D

( )

11. What is the time shown on the clock?



(1) 10 minutes to 5

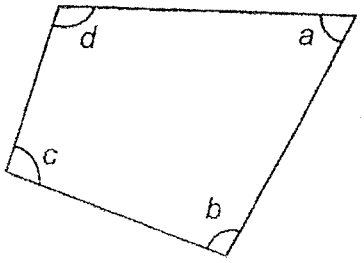
(2) 10 minutes to 6

(3) 10 minutes past 5

(4) 10 minutes past 6

( )

12. In the figure, which angle is smaller than a right angle?



(1) $\angle a$

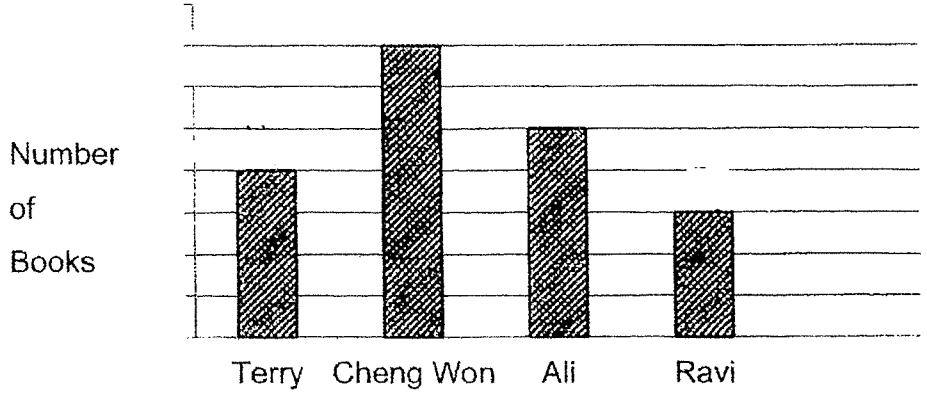
(2) $\angle b$

(3) $\angle c$

(4) $\angle d$

( )

13. The graph shows the number of books read by four boys.



Who read the least number of books?

(1) Terry
(2) Cheng Won
(3) Ali
(4) Ravi

( )

14. Mrs Lee has 100 fish balls. She wants to sell them in sticks of 3.
How many sticks of fish balls can she sell at most?

(1) 30
(2) 31
(3) 33
(4) 34

( )

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

94	82	70	58	?	34

(1) 12
(2) 38
(3) 46
(4) 56

( )

Section B

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.

(30 marks)

Do not write in this space

16. Write eight thousand and two in figures.

Ans: _____

17. Find the value of $\frac{1}{2} + \frac{3}{10}$.
Give you answer in its simplest form.

Ans: _____

18. Form the smallest 4-digit number using the digits 0, 3, 4 and 8.

Ans: _____

Score

19. The difference between two numbers is 5204.
The smaller number is 150.
What is the larger number?

Ans: _____

Do not write in this space

20. Danny had some cards. He bought another 6 boxes of cards. Each box contained 5 cards. Then he had 2046 cards. How many cards did he have at first?

Ans: _____

21. Alice has 25 sweets and 6 plates. She wants to put 7 sweets on each plate. How many more sweets does she need?

Ans: _____

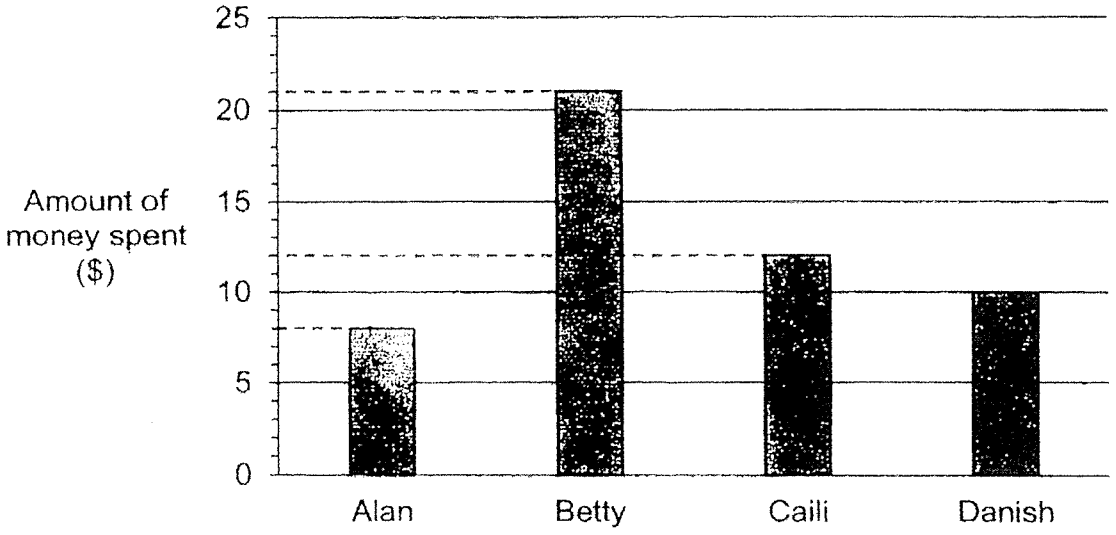
Score

22. When a number is divided by 8, it gives a quotient of 14 and a remainder of 4. What is the number?

Do not write in this space

Ans: _____

23. The graph below shows the amount of money spent by 4 children in a week.



How much did they spend in total?

Ans: $_____

Score

24. Mrs. Ravi spent $17.85 at a supermarket. She spent $3.55 more than Mrs. Singh. How much did Mrs. Singh spend?

Do not write in this space

Ans: $_____

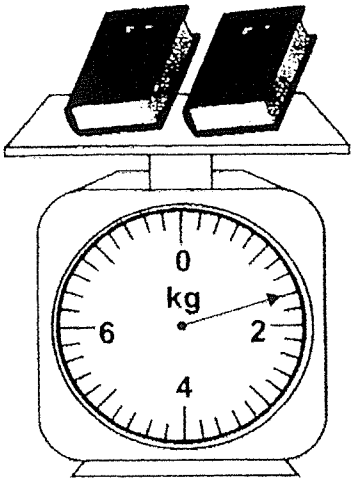
25. Express 1047 m in km and m.

Ans: _____ km _____ m

Score

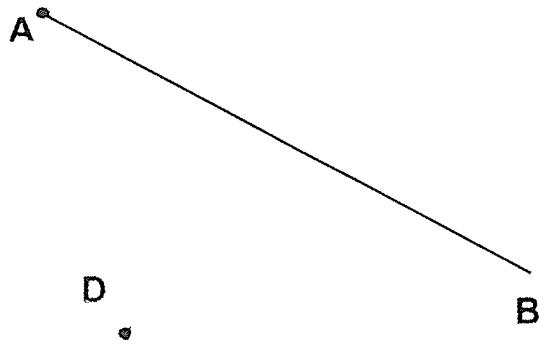
Do not write in this space

26. Express the mass of 2 books in kg and g.



Ans: _____ kg _____ g

27. Draw a line CD perpendicular to the line AB. The point D is provided.



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

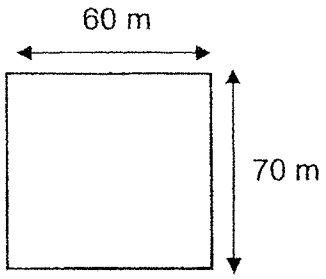
$$\frac{3}{4},\ \frac{1}{2},\ \frac{7}{8}$$

Ans: _____, _____, _____
Greatest

Score

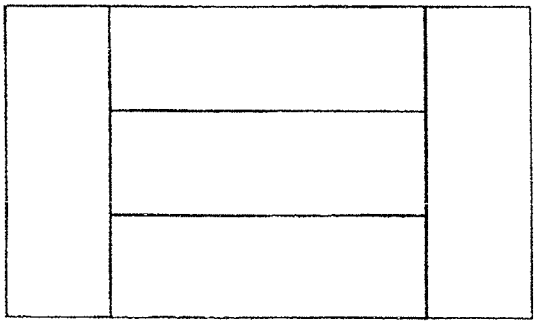
29. James ran around a rectangular field which measured 60 m by 70 m once. What was the total distance that he ran?

Do not write in this space



Ans: _____ m

30. The figure below is made up of 5 identical rectangles. The breadth of each rectangle is 4 cm. What is the area of one rectangle?



Ans: _____ cm^2

Score

Do not write in this space

Section C

For questions 31 to 36, show your working clearly and write your answers in the space provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

(20 marks)

31. 8096 people visited a fun fair. 5988 of them were adults and the rest were children. How many more adults than children visited the fun fair?

Ans: _____ [3]

Score

32. Penny bought 134 apples.

She packed the apples equally into bags of 5.

(a) How many bags of 5 apples did she have?

(b) How many apples were not packed?

Do not write in this space

Ans: (a) _____ [2]

(b) _____ [1]

Score

33. Mrs Yong had $600. She gave her son $120 and divided the remaining amount equally among her 3 daughters. How much did each daughter get?

Do not write in this space

Ans: _____ [3]

Score

34. Tammy started her piano practice at 9 a.m. She practised for 1 h 50 min. Then she spent 1 h 40 min on her homework.

(a) How long did she take for her piano practice and homework in total? (Give your answer in hours and minutes)

(b) At what time did she complete her homework?

Do not write in this space

Ans: (a) _____ [1]

(b) _____ [2]

Score

35. Ali has 37 coins. Peiling has 4 times as many coins as Ali.

(a) How many coins does Peiling have?

(b) Shuming has twice as many coins as Peiling. How many coins does Shuming have?

Do not write in this space

Ans: (a) _____ [2]

(b) _____ [2]

Score

36. Mr Lee has a total of 20 ducks and horses in his farm. The animals have 48 legs in all.

(a) How many horses does Mr Lee have?

(b) How many ducks does Mr Lee have?

Do not write in this space

Ans: (a) _____ [2]

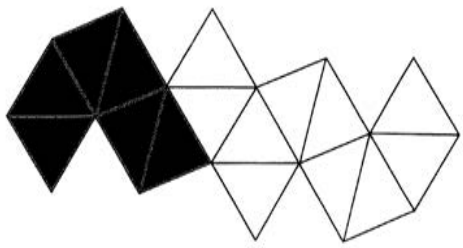
(b) _____ [2]

End

Score

YEAR : 2022
LEVEL : PRIMARY 3
SCHOOL : PEI HWA PREBYTERIAN PRIMARY SCHOOL
SUBJECT : MATHEMATICS
TERM : WEIGHTED ASSESSMENT 2

Q1	2	Q2	1	Q3	2	Q4	2	Q5	4
Q6	4	Q7	3	Q8	1	Q9	2	Q10	3

Q11	3/5	Q12	12
Q13		Q14	1/6
Q15	2 kg 300g	Q16	1kg 850 g
Q17	D	Q18	A, E
Q19	Girl: Cali 41 kg	Q20	2952m
Q21	a) 61 b) 549m	Q22	a) Mark collected twice as many stickers as John b) 12 stickers
Q23	a) 115g b) 211g		

YEAR : 2022
LEVEL : PRIMARY 3
SCHOOL : PEI HWA PRIMARY SCHOOL
SUBJECT : MATHEMATICS
TERM : PRACTICE PAPER 4

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

Q16 8009
Q17 4/5
Q18 3048
Q19 5354
Q20 2016
Q21 17
Q22 116
Q23 $51
Q24 $14.30
Q25 1km 47m
Q26 1kg 500g
Q27

Q28 7/8, 3/4, 1/2
Q29 260m
Q30 48
Q31 3880 more adults than children
Q32 a) 26
b) 4 apples were not packed
Q33 Each daughter get $160

Q34	a) 9 a.m. + 1h 50min + 1h 40min = 12.30 p.m. She took 3h 30min for her piano practice and her homework. b) She completed her homework at 12.30 p.m.	Q35	a) 37 x 4 = 148 Peiling has 148 coins. b) 148 x 2 = 296 Shuming has 296 coins
Q36	(a) Assume that all animals are horses. 20 x 4 = 80 (assume legs) 80 – 48 = 32 4 – 2 = 2 32 ÷ 2 = 16 ducks 20 – 16 = 4 horses Mr Lee has 4 horses. b) Mr Lee has 16 ducks		

END