







6. Given the three fractions:

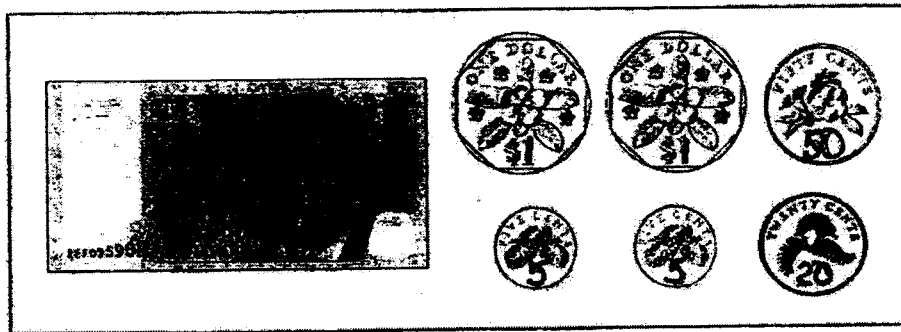
$$\frac{2}{3}, \frac{1}{2}, \frac{7}{9}$$

Arrange them from the greatest to the smallest.

- |     | <i>Greatest</i> |   | <i>Smallest</i> |
|-----|-----------------|---|-----------------|
| (1) | $\frac{7}{9}$   | , | $\frac{2}{3}$   |
| (2) | $\frac{7}{9}$   | , | $\frac{1}{2}$   |
| (3) | $\frac{2}{3}$   | , | $\frac{1}{2}$   |
| (4) | $\frac{1}{2}$   | , | $\frac{2}{3}$   |

( )

7. Tom wants to buy a water bottle which costs \$10. The diagram below shows the amount of money he has in his wallet.



How much more money does he need to buy the water bottle?

- |            |            |
|------------|------------|
| (1) \$4.80 | (2) \$5.20 |
| (3) \$5.70 | (4) \$6.20 |

( )



**Section B**Do not write  
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Questions 11 to 20 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. ( 10 marks )

11. What is the missing number in the box?

$$\frac{2}{3} = \frac{\square}{18}$$

Answer : \_\_\_\_\_

12. Study the number pattern and fill in the missing number.

8824, 8624, 8424, ?, 8024, 7824

Answer : \_\_\_\_\_

13. Express 5048 m in kilometres and metres.

Answer : \_\_\_\_\_ km \_\_\_\_\_ m

14. Find the value of  $40 \times 5$ .

Answer : \_\_\_\_\_

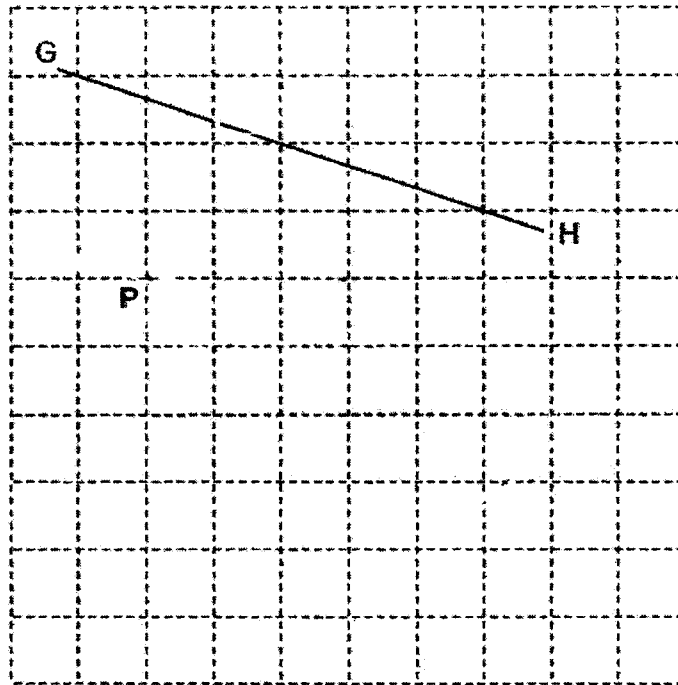
SCORE

15. What is the quotient when 293 is divided by 4?



Do not write in this space

Answer : \_\_\_\_\_

16. Line GH is drawn in the square grid below. Draw a line parallel to GH passing through point P.



17. Look at the angles below and put a tick ( ✓ ) in the correct box that describes the angle.

Angles	Acute angle	Right angle	Obtuse angle
			
			

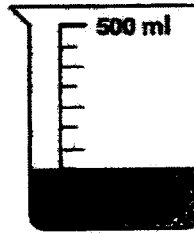
SCORE

18. What is the sum of 1903 and 3604?

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Answer : \_\_\_\_\_

19. Beaker A contains some water. How much water is in Beaker A?



Beaker A

Answer : \_\_\_\_\_ ml

20. What fraction of the figure below is shaded?



Answer : \_\_\_\_\_

SCORE



Questions 21 to 34 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (28 marks)

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21. (a) Use all the number cards below to form the **greatest** 4-digit number. Each card can only be used once.

0 8 1 3

Answer : (a) \_\_\_\_\_

- (b) Use all the number cards below to form the **smallest** 4-digit number divisible by 5. Each card can only be used once.

5 2 3 7

Answer : (b) \_\_\_\_\_

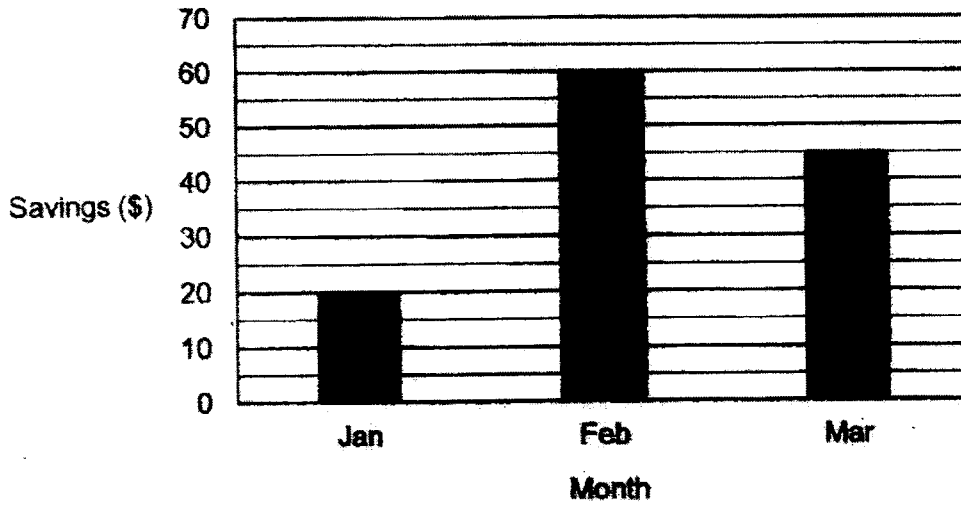
22. The sum of two numbers is 95. The smaller number is 38. What is the greater number?

Answer : \_\_\_\_\_

SCORE

23. The bar graph shows Cindy's savings from January to March.

Do not write  
in this space



How much money did Cindy save from January to March?

Answer : \$ \_\_\_\_\_

24. Mei Ling spent 45 min to complete her English homework and 58 min to complete her Science homework. How long did she spend to complete both of her homework? Express your answer in hours and minutes.

Answer : \_\_\_\_\_ h \_\_\_\_\_ min

SCORE

25. Kent is 12 years old now. His uncle is 4 times as old as him.  
How old is his uncle?

Do not write  
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Answer : \_\_\_\_\_ years

26. (a) Find the value of  $\frac{2}{3} - \frac{2}{9}$ . Express your answer in the simplest form.

Answer : (a) \_\_\_\_\_

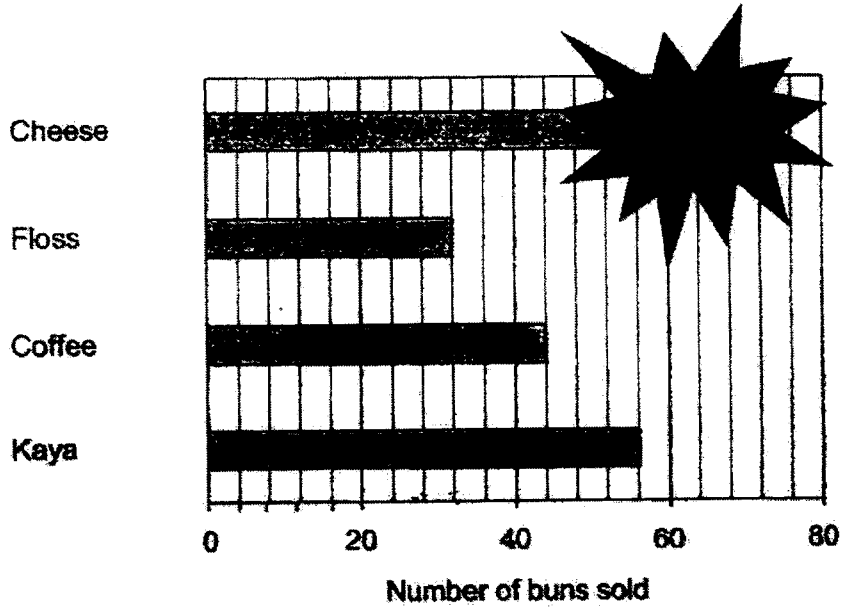
- (b) Find the value of  $\frac{1}{2} + \frac{3}{8}$ . Express your answer in the simplest form.

Answer : (b) \_\_\_\_\_

SCORE

27. The graph below shows the number of each type of bun sold by ABC Bakery. There is an ink blot covering part of the graph.

Do not write in this space



ABC bakery sold a total of 196 buns. How many cheese buns were sold?

Answer : \_\_\_\_\_

28. Caill had 338 sweets. She packed them into as many bags of 9 sweets as she could. Some sweets were left unpacked. How many sweets were left unpacked?

Answer : \_\_\_\_\_

SCORE

29. A toy cost 85¢ and a pencil case cost \$5.70.  
What was the total cost of the toy and the pencil case?

Do not write  
in this space

Answer : \$ \_\_\_\_\_

30. On Saturday, 5304 people borrowed books from the library.  
785 more people borrowed books on Saturday than on Sunday.  
How many people borrowed books on Sunday?

Answer : \_\_\_\_\_

31. Tom bought 376 stickers. Keith had 5 times as many stickers as Tom.  
How many stickers did they have altogether?

Answer : \_\_\_\_\_

SCORE

32. Johan had 3 times as many colour pencils as Ali. They had 64 colour pencils altogether. How many more colour pencils did Johan have than Ali?

Do not write  
in this space

Answer : \_\_\_\_\_

33. Lucy has 31 stamps less than Alan. They have 107 stamps altogether. How many stamps does Lucy have?

Answer : \_\_\_\_\_

34. May Han had \$5 more than Wei Ming. Wei Ming gave \$6 to May Han. How much more money did May Han have than Wei Ming in the end?

Answer : \$ \_\_\_\_\_

SCORE

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**Section C**

For questions 35 to 40, show your workings clearly and 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. (22 marks)

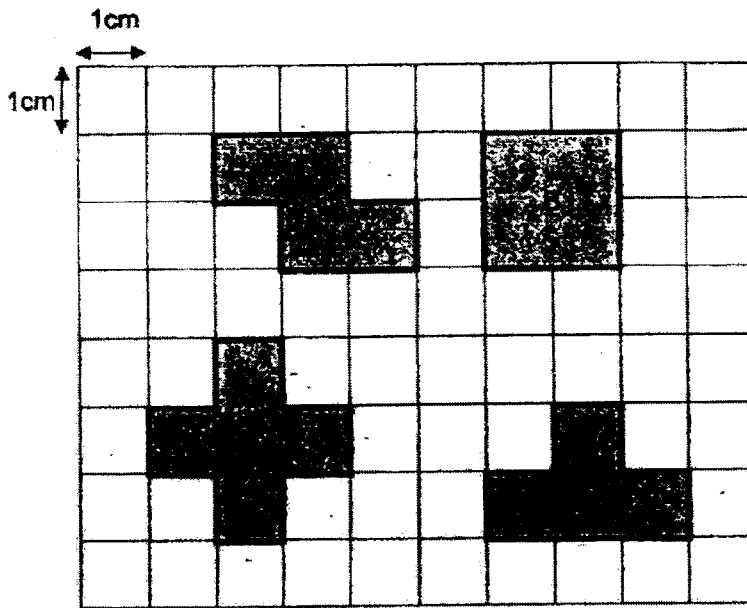
35. Mrs Han baked some muffins for a party. She packed the muffins into 35 boxes. In each box, there were 9 muffins. There were 7 muffins left in the oven. How many muffins did Mrs Han bake altogether?

Answer : \_\_\_\_\_ [3]

SCORE

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36. Figure A, B, C and D are drawn in the 1-cm square grid shown below.



(a) What is the perimeter of figure C?

Answer : (a) \_\_\_\_\_ [1]

(b) Which 2 figures have the same perimeter?

Answer : (b) Figures \_\_\_\_\_ and \_\_\_\_\_ [1]

(c) What is the total area of figures A, B, C and D?

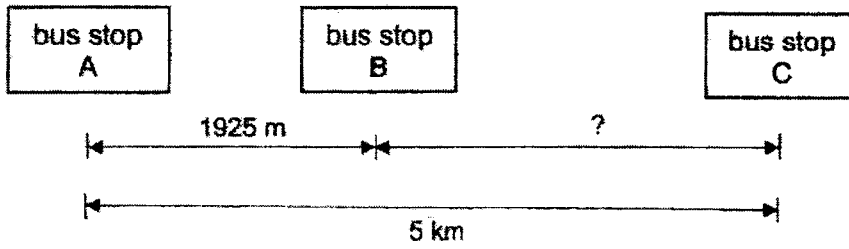
Answer : (c) \_\_\_\_\_ [1]

SCORE



37. A bus travelled from bus stop A to bus stop B and then bus stop C.

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- (a) What is the distance from bus stop B to bus stop C?

Answer : (a) \_\_\_\_\_ [2]

- (b) What is the difference in distance travelled from bus stop A to B and the distance travelled from bus stop B to C?

Answer : (b) \_\_\_\_\_ [2]

SCORE

38. A pencil cost \$1.90 and a storybook cost \$5.30. Emily bought 2 pencils and a storybook.

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(a) How much did Emily pay altogether?

Answer : (a) \_\_\_\_\_ [2]

(b) Emily paid for the items using a \$50 note. How much change did she receive?

Answer : (b) \_\_\_\_\_ [2]

SCORE

39. Michael started exercising at 1.45 p.m. He completed his exercise in 35 minutes.

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(a) At what time did he complete his exercise?

Answer : (a) \_\_\_\_\_ [2]

- (b) After completing his exercise, Michael watched a movie. The movie ended at 4 p.m. How long did the movie last? Give your answer in hour and minutes.

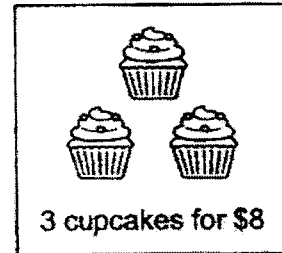
Answer : (b) \_\_\_\_\_ [2]

SCORE

40. A shop sold a cupcake for \$3 and 3 cupcakes for \$8.

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- (a) Mr Lee bought 4 cupcakes.  
What was the least amount of money he paid?



Answer : (a) \_\_\_\_\_ [1]

- (b) Mrs Siva paid \$51 for some cupcakes.  
What was the greatest number of cupcakes Mrs Siva bought?

Answer : (b) \_\_\_\_\_ [3]

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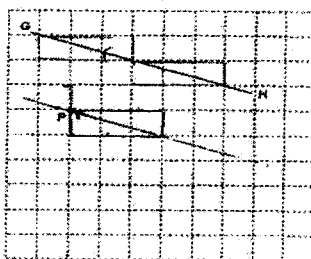
**End of Paper**

Set by : Mrs Fang Jia Qi

SCORE

YEAR : 2022  
 LEVEL : PRIMARY 3  
 SCHOOL : PEI CHUN PUBLIC SCHOOL  
 SUBJECT : MATHEMATICS  
 TERM : END OF YEAR EXAMINATION

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

Q11	12		
Q12	8224		
Q13	5km 48m		
Q14	200		
Q15	73		
Q16			
Q17	<table border="1"> <tr> <td>Acute angle</td> </tr> <tr> <td>Obtuse angle</td> </tr> </table>	Acute angle	Obtuse angle
Acute angle			
Obtuse angle			
Q18	$3604 + 1903 = 5507$		
Q19	150ml		
Q20	$\frac{3}{10}$		
Q21	a) 8310 b) 2375		
Q22	$95 - 38 = 57$		
Q23	$60 + 45 = 105$ $105 + 20 = \$125$		
Q24	$58 + 45 = 103$ $103 - 60 = 43$ 1h 43min		
Q25	$12 \times 4 = 48$ years		
Q26	a) $\frac{2}{3} = \frac{6}{9}$ $\frac{6}{9} - \frac{2}{9} = \frac{4}{9}$ b) $\frac{1}{2} = \frac{4}{8}$ $\frac{4}{8} + \frac{3}{8} = \frac{7}{8}$		
Q27	$56 + 44 = 100$ $100 + 32 = 132$ $196 - 132 = 64$		



Q28	$338 \div 9 = 37R5$ Ans: 5
Q29	$\$5.70 + 0.85 = \$6.55$
Q30	Saturday : 5304 Sunday : 5304 - 785 = 4519
Q31	$376 \times 6 = 2256$
Q32	$64 \div 4 = 16$ $16 \times 2 = 32$
Q33	$107 - 31 = 76$ $76 \div 2 = 38$
Q34	$6 + 5 = 11$ $11 + 6 = 17$
Q35	$35 \times 9 = 315$ $315 + 7 = 322$ muffins
Q36	a) 12cm b) Figure A and D c) $17\text{cm}^2$
Q37	(a) Dist. : $5000\text{m} - 1925 = 3075$ (b) Difference : $3075 - 1925 = 1150\text{m}$
Q38	a) $\$1.90 \times 2 = \$3.80$ $\$3.80 + \$5.30 = \$9.10$ b) $\$50 - \$9.10 = \$40.90$
Q39	a) $1.45 + 15 \text{ min} = 2\text{pm}$ $2\text{pm} + 20\text{min} = 2.20\text{p.m.}$ b) $2.20 + 1\text{h} = 3.20$ $3.20 + 40\text{min} = 4\text{p.m.}$ Ans: b) 1h 40minutes
Q40	a) $3 \times 1 = 3$ $\$8 + \$3 = \$11$ b) $(3 \times 6) + 1 = 19$ $= 18 + 1$ $= 19$

2  
END

