



HENRY PARK PRIMARY SCHOOL
2015 SEMESTRAL ASSESSMENT 2
MATHEMATICS
PRIMARY 3

Name: _____ ()

Parent's Signature

Class: Primary 3 _____

Duration of Paper: 1 h 45 min

Marks:

Section A (MCQ)	13
Section B (Open-Ended)	45
Section C (Problem Sums)	22
Total	80

Section A: Multiple Choice Questions (13 marks)

Questions 1 to 5 carry 1 mark each. Questions 6 to 9 carry 2 marks each.

Choose the correct answer and write its number in the brackets provided.

You are required to shade the correct oval of your answer (1, 2, 3 or 4) in the Optical Answer Sheet (OAS) provided.

1. What is the value of the digit 7 in 5743?

- (1) 7 ones
- (2) 7 tens
- (3) 7 hundreds
- (4) 7 thousands

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2. Find the value of 8×6 .

- (1) 42
- (2) 48
- (3) 54
- (4) 56

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3. Express 7380 m in kilometres and metres.

- (1) 7 km 38 m
- (2) 7 km 380 m
- (3) 73 km 8 m
- (4) 73 km 80 m

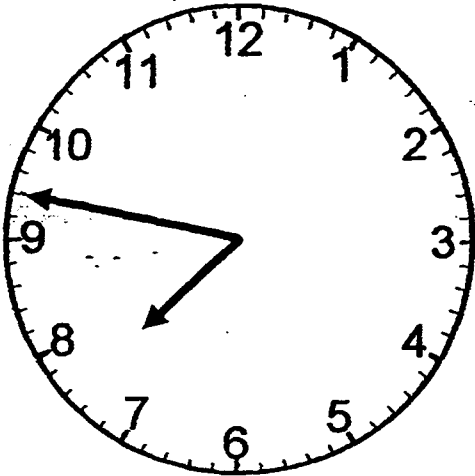
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4. When I divide a number correctly by 7, I obtain a quotient and a remainder. Which of the following numbers cannot be the remainder when I divide the number correctly by 7?

- (1) 1
- (2) 5
- (3) 6
- (4) 9

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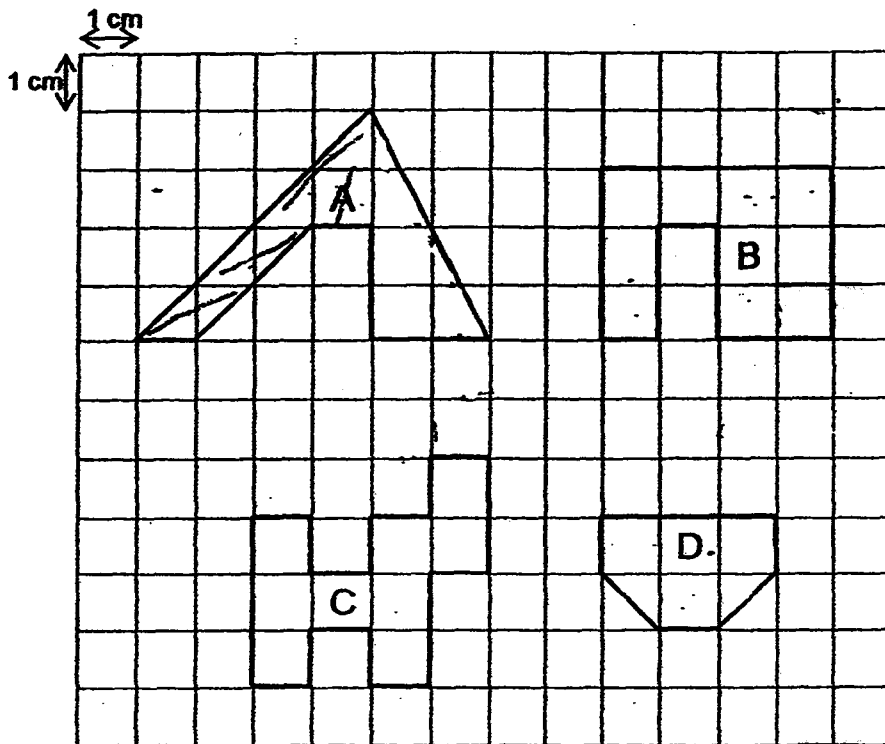
5. What is the time shown on the clock?



- (1) 13 minutes to 7
- (2) 13 minutes past 7
- (3) 13 minutes to 8
- (4) 13 minutes past 8

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6. Each of these shapes is made up of square tiles of side 1 cm.
Which shape has the greatest area?



- (1) A
- (2) B
- (3) C
- (4) D

()

7. What is 2 thousands + 3 hundreds + 14 tens?

- (1) 2440
- (2) 2340
- (3) 2314
- (4) 2140

()

8. Which of the following fractions is equivalent to $\frac{2}{3}$?

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

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

(3) $\frac{8}{9}$

(4) $\frac{8}{12}$

()

9. Find the sum of $\frac{1}{5}$ and $\frac{1}{10}$.

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

(2) $\frac{2}{10}$

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

(4) $\frac{2}{15}$

()

(Go on to Section B)

Section B: Open-Ended Questions (45 marks)

Questions 10 to 14 carry 1 mark each. Questions 15 to 34 carry 2 marks each.

Read the following questions carefully and write your answers in the boxes provided.

Show your working clearly.

10. Arrange these numbers in order. Begin with the smallest.

8290 8920 8092 8902

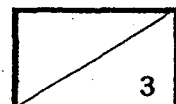
, , ,

smallest

11. Express 8 kg 50 g in grams.

g

12. Find the product of 7 and 8.



13. Alice spent 95 minutes decorating her study room.
Express the time spent in hours and minutes.

h	min
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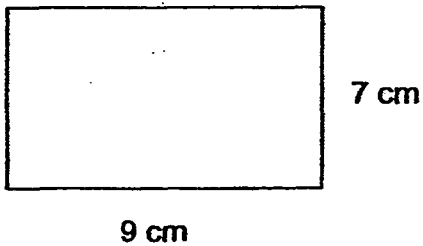
14. Find the difference between 1719 and 5283.

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15. What is 100 less than 3005?

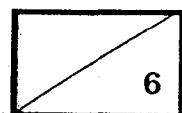


16. The length of a rectangle is 9 cm. Its breadth is 7 cm.
What is its perimeter?



17. $4070 - \boxed{?} = 369$

What is the missing number in the box?



18. Arrange the following fractions in order. Begin with the greatest.

$$\frac{2}{5}, \frac{4}{5}, \frac{2}{7}$$

greatest

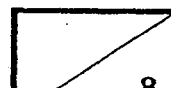
19. $\div 9 = 9$

What is the missing number in the box?

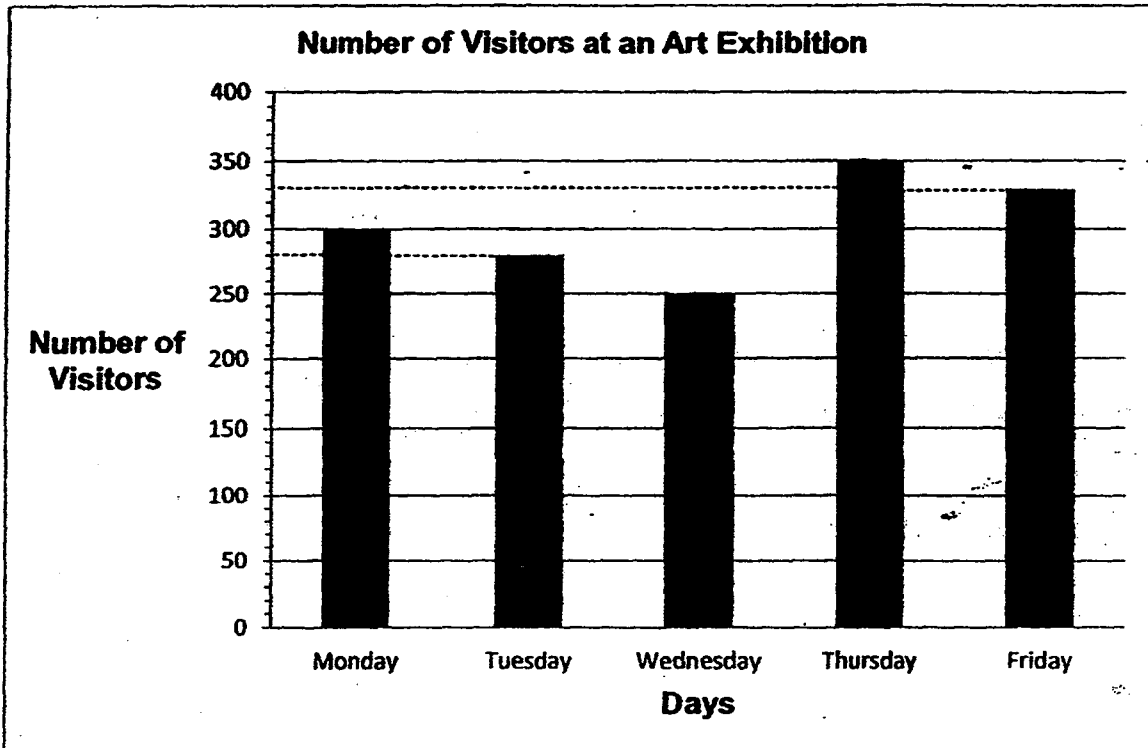
20. $\times 4 = 348$

What is the missing number in the box?

21. Find the quotient when 726 is divided by 5.



22. The bar graph shows the number of visitors at an art exhibition from Monday to Friday.



(a) How many visitors were there on Tuesday?

(b) On which day was there the greatest number of visitors at the art exhibition?



23. Find the value of $\frac{7}{12} - \frac{1}{4}$. Express your answer in its simplest form.

24. Sammy painted his bookshelf from 7.55 a.m. to 8.40 a.m.
How long did he take to paint his bookshelf?

25. (a) Circle all the odd numbers.

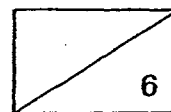
950

437

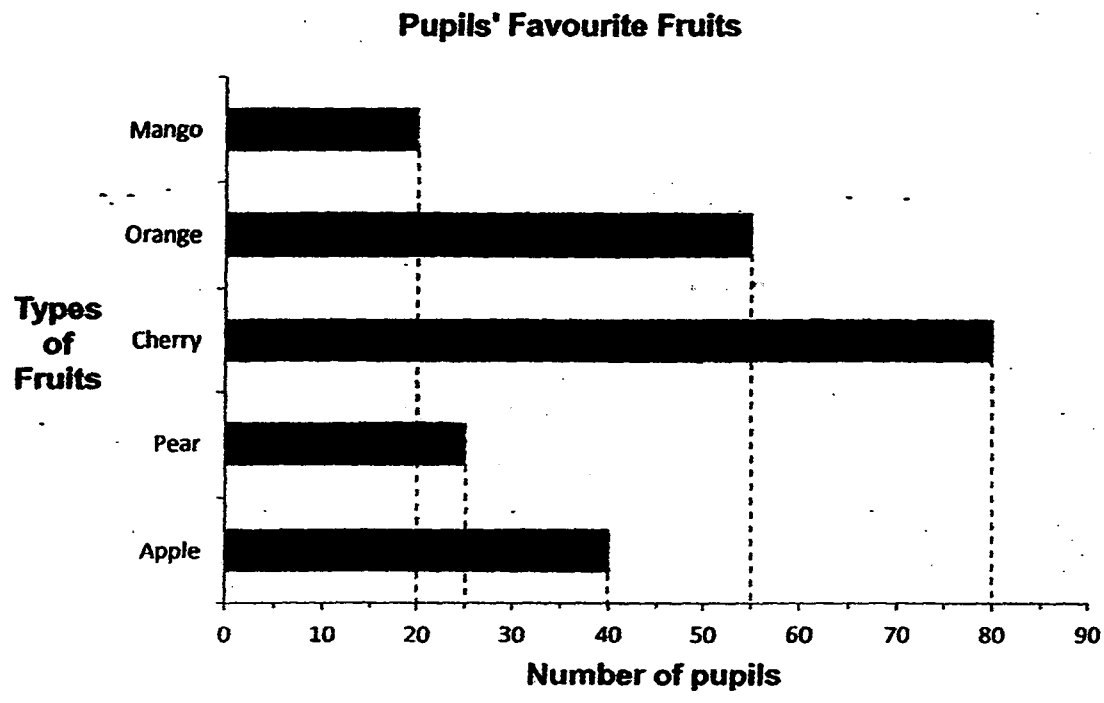
601

528

(b) Find the sum of these odd numbers.



26. The bar graph below shows the different types of fruits a group of pupils like.



(a) What is the total number of pupils who like cherry, pear and apple?

(b) How many more pupils like orange than mango?

27. Find the missing numerator and denominator of the following fractions.

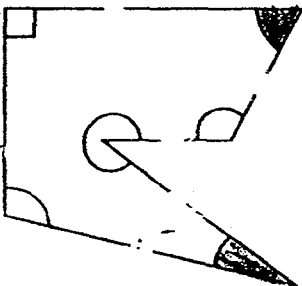
$$\frac{1}{\boxed{D}} = \frac{4}{8} = \frac{\boxed{N}}{10}$$

D =
N =

28. Mrs Lim arrived at the shopping mall at 10.30 a.m. and left the shopping mall 4 h 35 min later. What time did she leave the shopping mall?

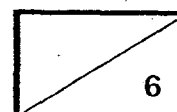
_____ p.m.

29. Study the figure below carefully.
- (a) How many sides does the figure have?
- (b) How many of the marked angles are acute angles?

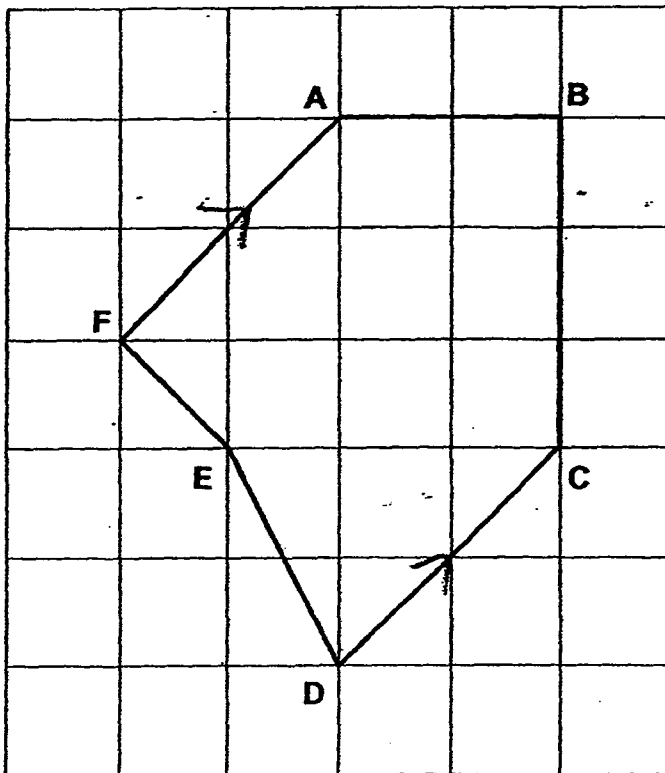


a)

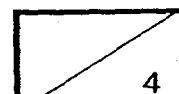
b)



30. Look at the figure below. Name a pair of parallel lines in the figure.



31. The length of a square card is 6 cm. What is its area?



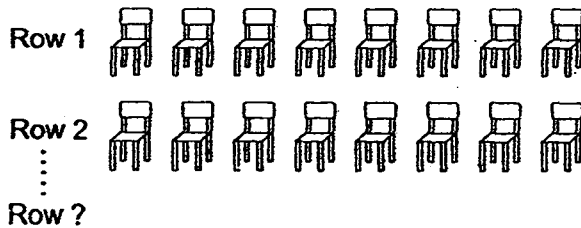
32. There were some passengers in a train when it left Station A.

When the train arrived at Station B, 91 passengers got off the train. When the train arrived at Station C, 205 passengers got on the train. There were 1038 passengers in the train when it left Station C. How many passengers were in the train when it left Station A?



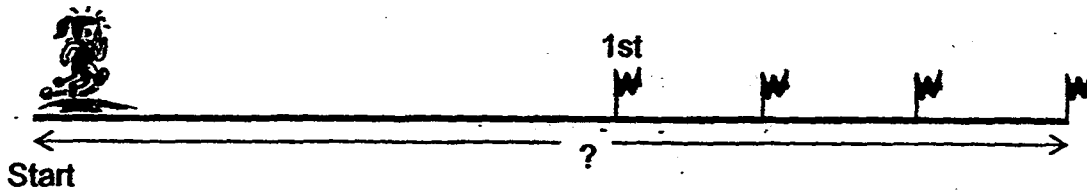
33. The chairs in the hall were arranged in rows of 8.

David sat on the 70th chair. On which row did David sit?



34. Four flags were placed 5 m apart from each other along a running track.

Susan ran 25 m before picking up the first flag. How far had Susan run after she had picked up the last flag?



m

NAME: _____

CLASS: Primary 3 _____

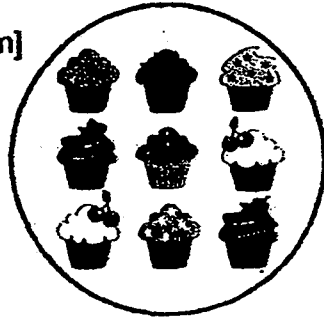
Section C: Problem Sums (22 marks)

Read each problem sum carefully before solving it. Show your working clearly.
The number of marks available is shown in brackets [] at the end of each question or part-question.

35. Mrs Bala baked 24 trays of muffins. There were 9 muffins on each tray.
She sold 153 muffins.

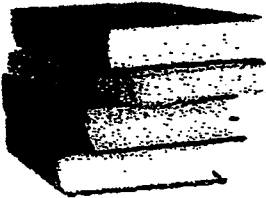
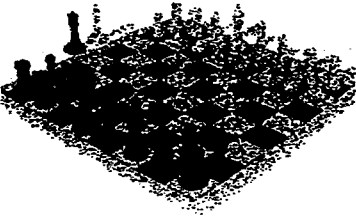

(a) How many muffins did Mrs Bala bake altogether? [2m]

(b) How many trays of muffins did she sell? [2m]



Working

36. Ben saw the following items in a shop.

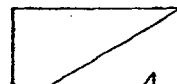
		
A set of books – \$28.35	Chess set – \$12.80	Lego set – \$40.75

(a) Ben bought the set of books and a Chess set.

How much did he spend? [2m]

(b) How much more money does the Lego set cost than the Chess set? [2m]

Working



37. The capacity of a bottle is twice the capacity of a cup.

The capacity of the bottle is 600 ml.

(a) What is the capacity of the cup? [2m]

(b) Mother fills 3 such bottles completely with apple juice. What is the volume of apple juice used to fill the 3 bottles? [2m]



bottle



cup

Working

38. Nelly's scores for her examinations are shown in the table below.

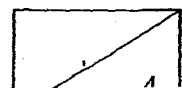
She scored 14 more marks for English than for Mother Tongue.

(a) What was her total score for English, Mathematics and Science? [2m]

(b) How many marks did Nelly score for Mother Tongue? [2m]

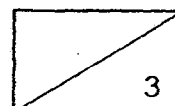
Subject	English	Mother Tongue	Mathematics	Science
Marks	83	?	88	74

Working



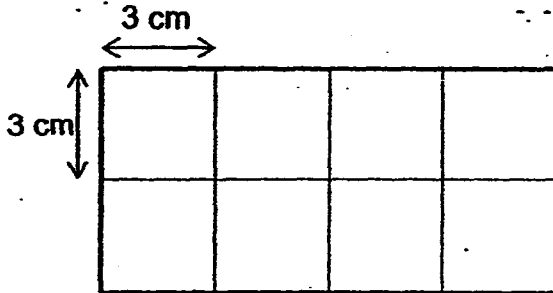
39. Durians were sold at \$50 for 3 kg. A durian seller sold 27 kg of durians.
How much did the durian seller collect after selling 27 kg of durians? [3m]

Working

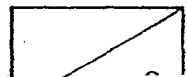


40. Mr Hafiz used 8 square cards to form a rectangle.
Each side of the square card is 3 cm.
What is the area of the rectangle formed? [3m]

Working



-END OF PAPER-



EXAM PAPER 2015**LEVEL : PRIMARY 3****SCHOOL : HENRY PARK PRIMARY SCHOOL****SUBJECT : MATHEMATICS****TERM : SA2**

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

Q10. 8092 (smallest), 8292, 8902, 8920 Q11. 8050g Q12. 56

Q13. 1h 35min Q14. 3564 Q15. 2905 Q16. 32cm Q17. 3701

Q18. $\frac{1}{5}, \frac{2}{5}, \frac{2}{7}$ Q19. 81 Q20. 87 Q21. 145 Q22a. 280

Q22b. Thursday Q23. $\frac{1}{3}$ Q24. 45min

Q25a. 437 / 601 Q25b. 1038 Q26a. 145 Q26b. 35

Q27 D = 2 N = 5 Q28. 3.05pm Q29a. 6 Q29b. 2

Q30 DC // AF Q31. 36cm² Q32. 924

Q33. $9 \rightarrow 8+1=9$ Q34. 40m $\rightarrow 4-1=3, 3+5=15, 15=25=40$

Q35a. 216 muffins $\rightarrow 24 \times 9 = 216$ Q35b. 17 trays of muffins $\rightarrow 153 \div 9 = 17$

Q36a. \$41.15 $\rightarrow \$28.35 + 12.80 = 41.15$

Q36b. \$40.75 $-\$12.80 = 27.95$

Q37a. 300ml $\rightarrow 600 \div 2 = 300$ Q37b. 1800ml $\rightarrow 600 \times 3 = 1800$

Q38a. 245 marks $\rightarrow 83 + 88 + 74 = 245$

Q38b. 69 marks $\rightarrow 83 - 14 = 69$

Q39. \$450 $\rightarrow 27 \div 3 = 9, 9 \times 50 = 450$

Q40. 72cm² $\rightarrow 3 \times 2 = 6, 3 \times 4 = 12, 12 \times 6 = 72$

THE END

