

Pei Chun Public School
Semestral Assessment 1 – 2004
Mathematics
Primary 4

SAT

Name : _____ ()

Marks :

Class : Primary 4 _____

Date : 11 May 2004

Time : 1 h 45 min

Maths Teacher : _____

Parent's Signature : _____

This Booklet	80
Booklet K	20
TOTAL	100

Section A (17 x 2 marks)

For each question, choose the correct answer and shade its number in the answer sheet provided.

1. In 70 154, the digit '7' is in the _____ place.

(1) ones	(2) hundreds
(3) thousands	(4) ten thousands ()

2. Round off 32 635 to the nearest hundred.

(1) 32 600	(2) 32 630
(3) 32 640	(4) 32 700 ()

3. Round off the numbers 45 and 8 to the nearest ten. Then find their product.

(1) 360	(2) 400
(3) 450	(4) 500 ()

4. The sum of the first and fourth multiples of 8 is _____

(1) 9

(2) 13

(3) 24

(4) 40

()

5. Which of the following are factors of 36?

(1) 6 and 11

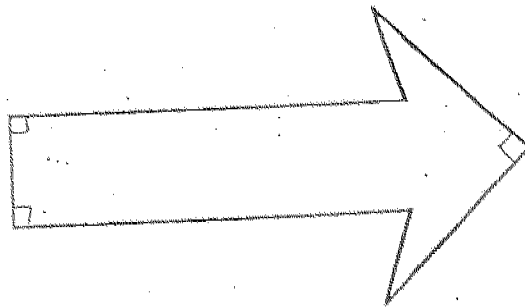
(2) 7 and 14

(3) 8 and 13

(4) 9 and 12

()

6. There are _____ right angles in the figure below.



(1) 5

(2) 2

(3) 3

(4) 4

()

7. Find the sum of $\frac{2}{7}$ and $\frac{3}{7}$.

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

(2) $\frac{5}{14}$

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

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

()

8. $\frac{7}{12} - \frac{1}{3} = \square$

What is the value in the box?

- (1) $\frac{11}{12}$
- (2) $\frac{2}{3}$
- (3) $\frac{1}{2}$
- (4) $\frac{1}{4}$

9. There are 65 bookshelves in the children's section of a library. On each bookshelf, there are 250 books. How many books are there altogether in the children's section?

- (1) 23 550
- (2) 16 250
- (3) 2750
- (4) 315

10. Baker Lim bought some strawberries to decorate 12 cakes. He used 8 strawberries to decorate each cake and had 4 strawberries left. How many strawberries did he buy?

- (1) 100
- (2) 96
- (3) 92
- (4) 12

11. Ramesh paid \$180 for 2 shirts and 4 pairs of pants. Each pair of pants cost \$3 more than a shirt. What is the cost of each shirt?

- (1) \$28
- (2) \$30
- (3) \$32
- (4) \$84

12. Which of the following has **only one** pair of parallel lines?

(1) trapezium

(2) parallelogram

(3) rhombus

(4) rectangle

()

13. How many quarters are there in $\frac{5}{6} - \frac{1}{12}$?

(1) 16

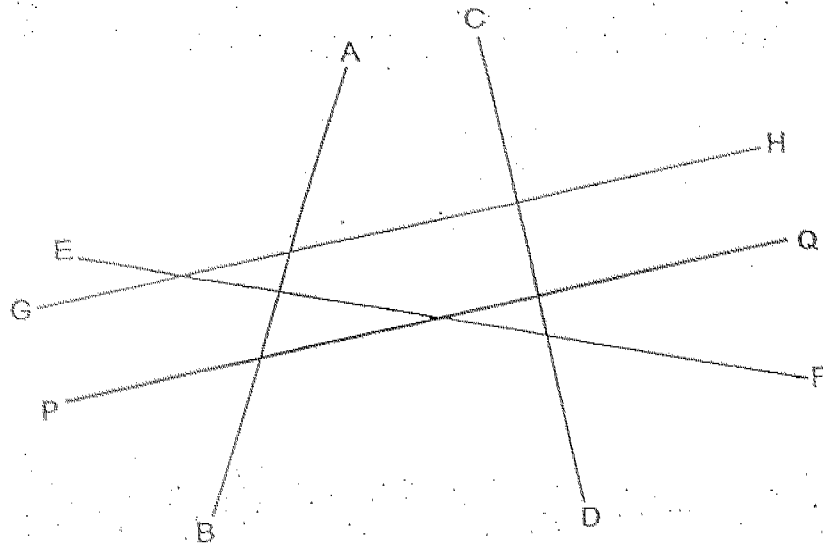
(2)

(3) 3

(4) 4

()

14. Which of the following lines is perpendicular to the line PQ?



(1) AB

(2) CD

(3) EF

(4) GH

()

15. I am a number between 10 and 30. I am a multiple of 3. I am also a factor of 42. What number am I?

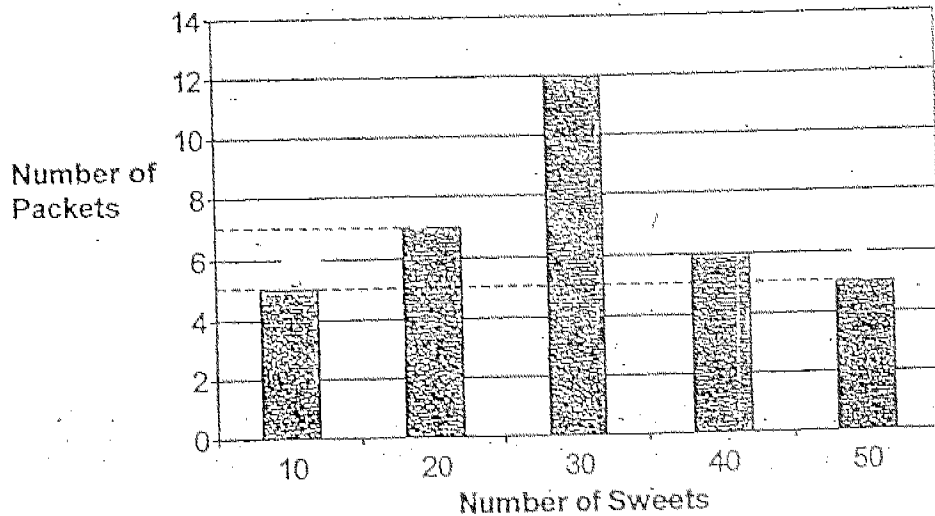
(1) 24

(2) 21

(3) 14

(4) 12

The graph below shows the number of sweets Mrs Smith bought. Use the graph to answer questions 16 and 17.



16. How many packets contained more than 30 sweets?

(1) 6

(2) 11

(3) 12

(4) 23

17. What was the total number of sweets Mrs Smith bought?

(1) 12

(2) 35

(3) 150

(4) 1040

18. Refer to Booklet K.

19. Refer to Booklet K.

20. Refer to Booklet K.

Section B (17 x 2 marks)

Write the answers in the spaces provided. All working must be shown clearly.

21. Write 14 098 in words.

22. Complete the following pattern:

67 230, 68 230, 69 230, ? , 71 230

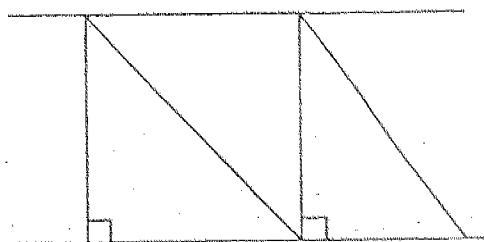
23. $28\,504 = 2 \text{ ten thousands} + 8 \text{ thousands} +$ _____ $\text{hundreds} + 4 \text{ ones}$

24. $3085 \times 35 = 3085 \times 20 + 3085 \times$ _____

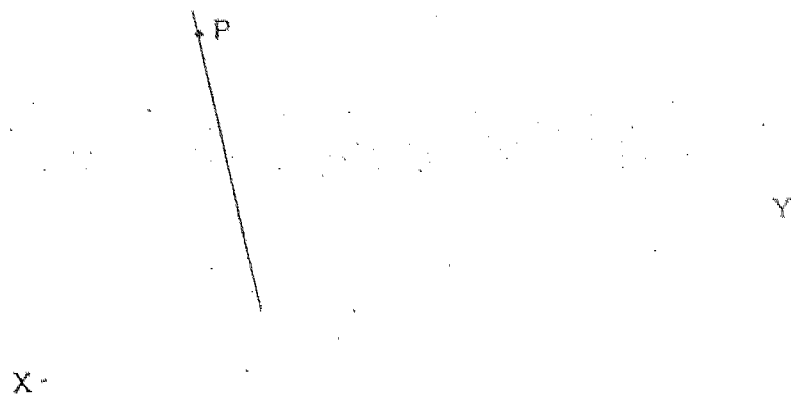
25. Arrange the fractions from the smallest to the greatest.

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

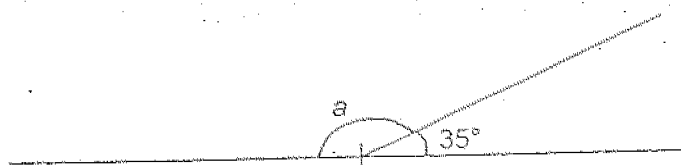
26. How many pairs of parallel lines are there in the figure below?



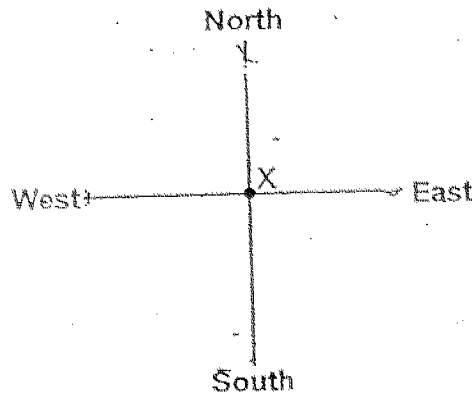
27. Draw a line perpendicular to XY through the point P.



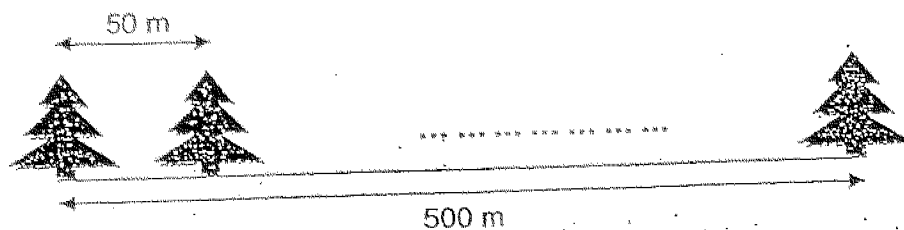
28. The figure below is not drawn to scale. Find $\angle a$.



29. You are standing at point X and facing East. You make a $\frac{1}{4}$ -turn in a clockwise direction, followed by a $\frac{3}{4}$ -turn in an anti-clockwise direction. Which direction are you facing now?



30. A road is 500 m long. It is lined with trees such that the distance between any two trees is 50 m. How many trees are there if both ends of the road have a tree each?



31. Mr Osman weighs between 60 and 80 kg. His actual weight is a multiple of 8 and also a multiple of 9. What is his actual weight?

_____ kg

32. At 11.35 a.m., Ahmad boarded a train at the Toa Payoh MRT station. At the Raffles Place interchange, he waited 5 minutes for the next train. He alighted at Boon Lay station at 12.40 p.m. How much time did Ahmad actually spend travelling on the trains?

_____ h _____ min

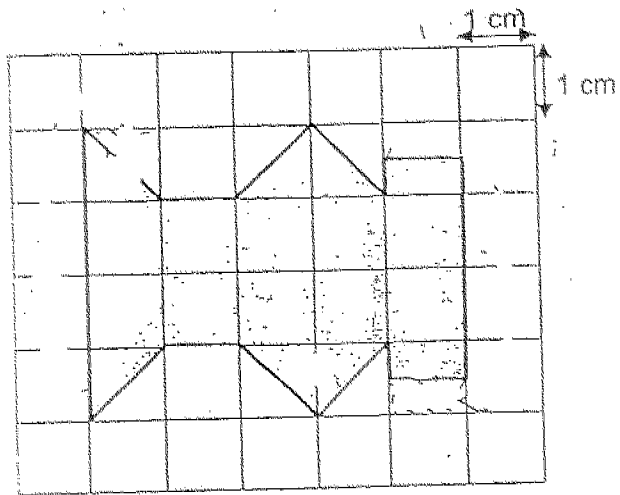
33. David took 3 h 25 min to finish his English and Mathematics homework. He took 1 h 30 min to finish his Mathematics homework. How much longer did he take to finish his English homework than his Mathematics homework?

_____ h _____ min

34. For an excursion, Mrs Deepak divided her students into 3 groups. In each group, there were 23 boys and 6 fewer girls than boys. How many students went for the excursion?

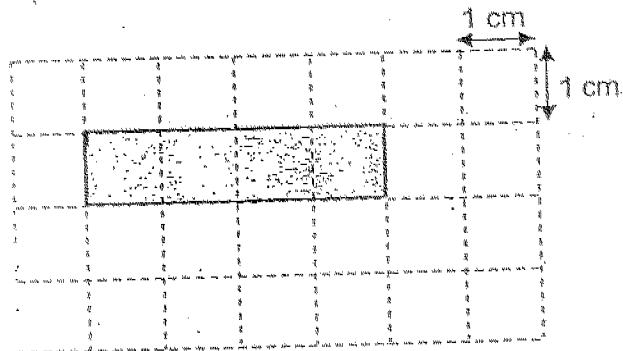
_____ students

35. What is the area of the shaded part in the figure below?

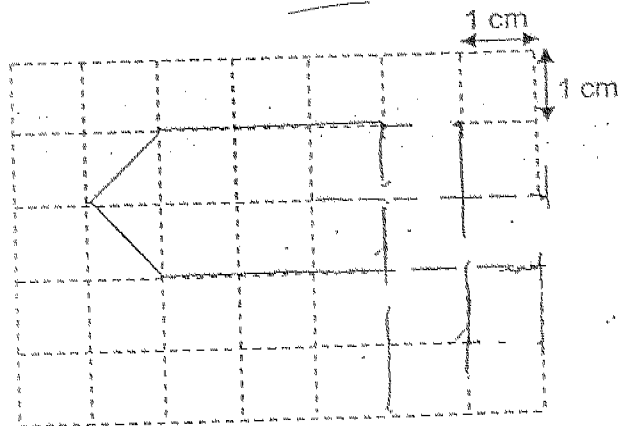


_____ cm²

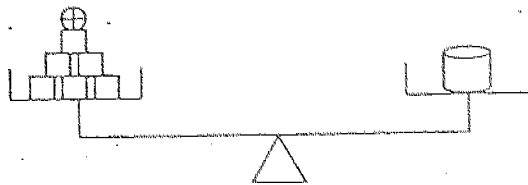
36. The figure below has a perimeter of 10 cm.





Draw a different figure which also has a perimeter of 10 cm in the grid below.



37. Study the diagrams below.



A  is equal to _____ .

Fill in the blank with a number.

38. Refer to Booklet K

39. Refer to Booklet K

40. Refer to Booklet K

Section C (3 x 4 marks)

Work out the problem sums below. All working, statements and answers must be clearly shown.

41. Mr Tan and Mr Wee share \$3604. Mr Tan gets 3 times as much as Mr Wee. How much more money does Mr Tan get than Mr Wee?

Ans: _____

42. Mrs Sim used $\frac{5}{12}$ of a piece of cloth for a blouse, and $\frac{1}{3}$ of the same piece of cloth for a skirt. She had 1 m 50 cm of cloth left. How much more cloth did she use for the blouse than the skirt?

Ans: _____

43. Anna wanted to give 36 balloons to her friends at her birthday party. However, 3 of her friends did not turn up. Hence, each friend present received 4 balloons instead. How many balloons would each of her friends receive if all of them had turned up for her party?

Ans: _____

44. Refer to Booklet K

45. Refer to Booklet K

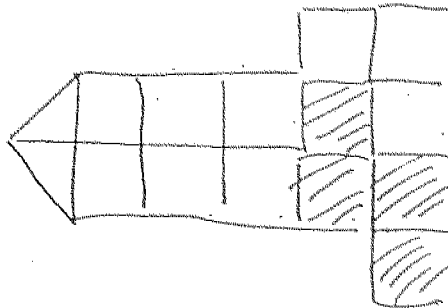
End of this Booklet

Set by: Miss Melissa Tan
Vetted by: P4 Maths Committee

PEI CHUN PUBLIC SCHOOL
 SEMESTRAL ASSESSMENT 1, 2004
 PRIMARY 4 MATHEMATICS

5781

- | | | |
|-------|--|----------------|
| 1) 4 | 21) Fourteen thousand and ninety-eight. | |
| 2) 1 | 22) 170230 | 41) \$ 1802 |
| 3) 4 | 23) 5 | 42) 50 cm |
| 4) 4 | 24) 15 | 43) 3 balloons |
| 5) 4 | 25) $\frac{3}{10}$, $\frac{2}{5}$, $\frac{1}{2}$ | |
| 6) 3 | 26) 2 pairs | |
| 7) 3 | 27) | |
| 8) 4 | 28) 145 | |
| 9) 2 | 29) West | |
| 10) 1 | 30) 11 trees | |
| 11) 1 | 31) 72 | |
| 12) 1 | 32) 1 h 0 min | |
| 13) 3 | 33) 25 mins | |
| 14) 2 | 34) 120 | |
| 15) 2 | 35) 14 | |
| 16) 2 | 36) | |
| 17) 4 | | |



37) 3