

Pei Chun Public School
Semestral Assessment 2 – 2011
Mathematics
Primary 3

Name: _____ ()

Marks :

Class : Primary 3 _____

Date : 28 October 2011

Time : 1 h 45 min

Maths Teacher : _____

Parent's Signature: _____

This Booklet	80
Booklet K	20
TOTAL	100

Section A (8 × 2 marks)

For each question, choose the correct answer and write its number in the brackets provided.

1. In 3519, the digit _____ is in the hundreds place.

(1) 1

(2) 5

(3) 3

(4) 9

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2. What is the sum of 5726 and 319?

(1) 5407

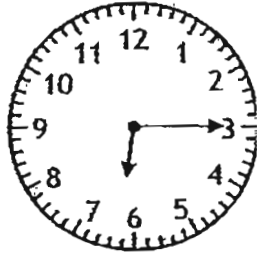
(2) 5413

(3) 5035

(4) 6045

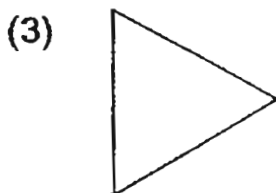
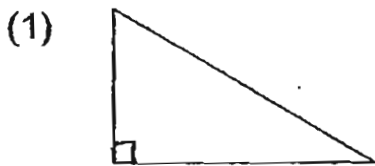
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3. The time shown on the clock face is 1 hour slow. The correct time is _____.



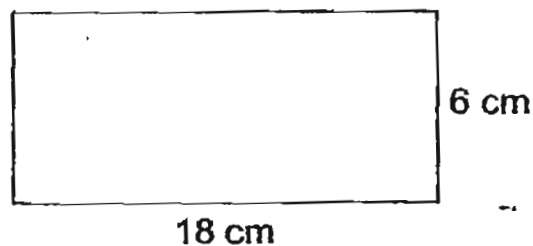
- (1) quarter past 5 (2) half past 2
(3) quarter past 7 (4) half past 4 ()

4. Which one of the triangles has a right angle?



()

5. Find the area of the rectangle below.



- (1) 24 cm^2 (2) 48 cm^2
(3) 68 cm^2 (4) 108 cm^2 ()

6. Alice has 4 times as much money as Benny. If Benny has \$36 less than Alice, how much money do they have altogether?

(1) \$45

(2) \$48

(3) \$60

(4) \$180

()

7. A jug can hold 2 ℓ of water. A cup can hold 128 ml of water. If the jug contains 8 cupfuls of water, what is the greatest amount of water that can still be poured into the jug before it overflows?

(1) 824 ml

(2) 976 ml

(3) 1024 ml

(4) 1872 ml

()

8. Which of the following fractions are arranged from the greatest to the smallest?

(1) $\frac{1}{2}$, $\frac{2}{3}$, $\frac{5}{12}$

(2) $\frac{2}{3}$, $\frac{1}{2}$, $\frac{5}{12}$

(3) $\frac{1}{2}$, $\frac{5}{12}$, $\frac{2}{3}$

(4) $\frac{2}{3}$, $\frac{5}{12}$, $\frac{1}{2}$

()

9. Refer to Booklet K.

10. Refer to Booklet K.

Section B (20 × 2 marks)

Show your working clearly in the space below each question. Write the answers in the blanks provided. For questions that require units, give your answers in the units stated.

11. Write in words.

(a) 95

(b) 6047

12. Arrange these numbers in order, beginning with the smallest.

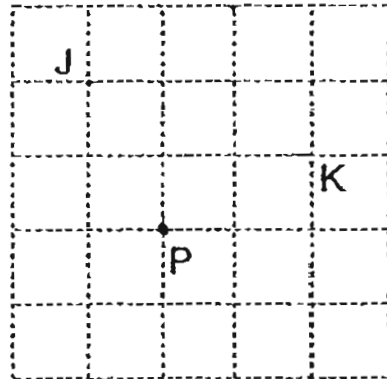
5406, 5046, 5604, 5640

Answer: _____, _____, _____, _____
(smallest) (greatest)

13. Find the remainder of $349 \div 8$.

Answer: _____

18. In the square grid below, draw a line perpendicular to JK passing through dot P.



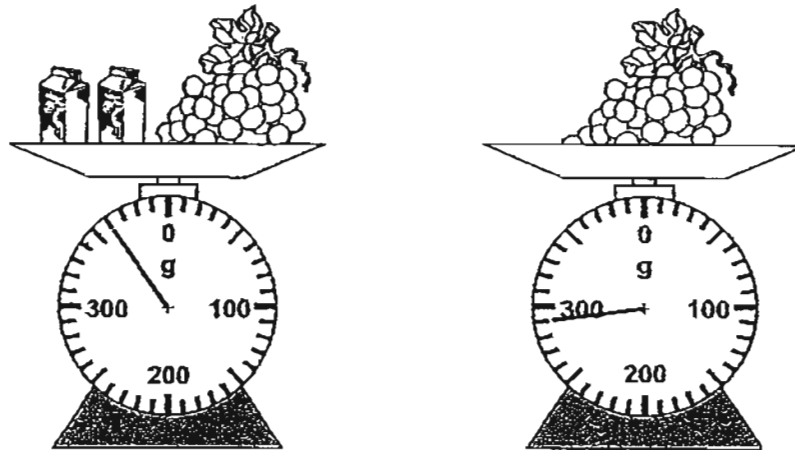
19. Chin Li started reading a book at 11.40 a.m. and stopped at 1.10 p.m. How much time did Chin Li spend on reading the book? Give your answer in h and min.

Answer: ____ h ____ min

20. Find the value of $\frac{1}{4} + \frac{1}{12} + \frac{5}{12}$ Express your answer in the simplest form.

Answer: _____

21. Look at the diagram below.



What is the mass of one packet of milk?

Answer: _____

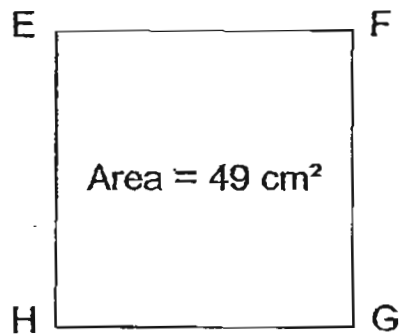
22. Danny bought a pizza. He ate $\frac{1}{3}$ of it in the morning and $\frac{1}{9}$ of it in the afternoon. What fraction of the whole pizza was left?

Answer: _____

23. Mr Fong mixed 3 l of water with 1 l of syrup. How much of the mixture is left after his family drank 1 l 530 ml of it? Express your answer in l and ml.

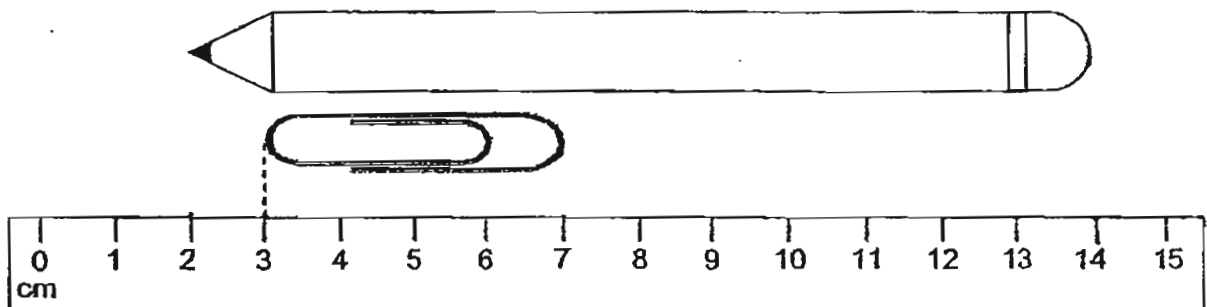
Answer: _____ l _____ ml

24. EFGH is a square. Find its perimeter.



Answer: _____ cm

25. Study the diagram below.



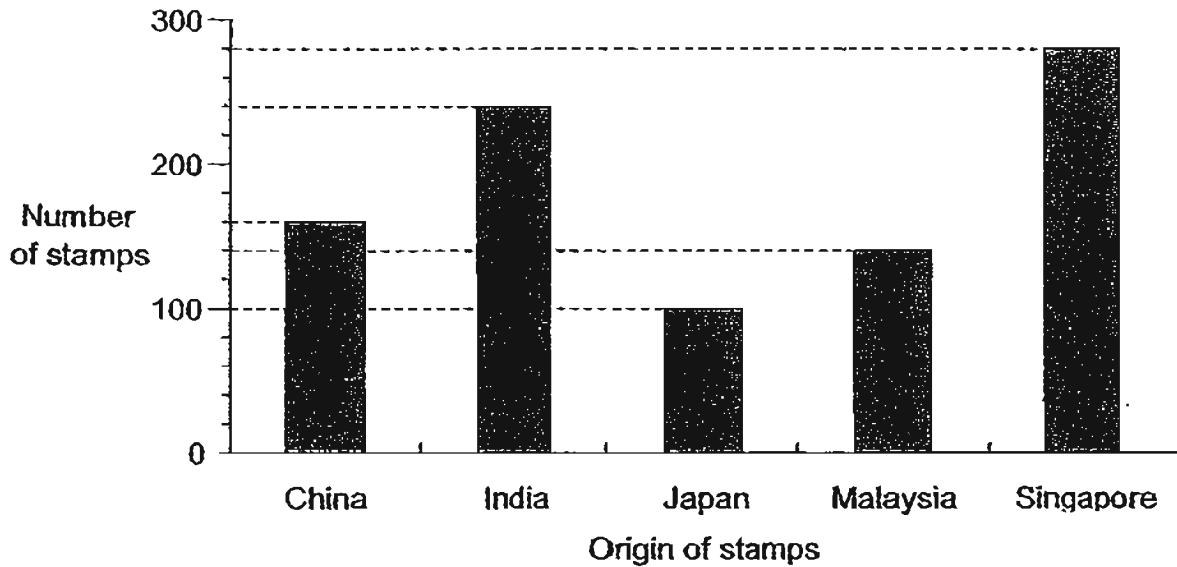
The paper clip is _____ cm shorter than the pencil.

Answer: _____ cm

26. Pamela had 30 sweets. After she had bought another 12 sweets, she had twice as many sweets as Qiu Xian. How many sweets did Qiu Xian have?

Answer: _____

The bar graph below shows the number of stamps that Gina has. Study it carefully and answer Questions 27 and 28.

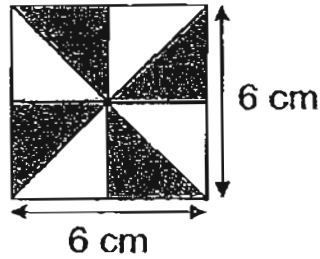


27. How many more Singapore stamps than Japan stamps does Gina have?

Answer: _____

28. The number of India stamps is equal to the total number of _____ and _____ stamps.

29. Find the total area of the shaded parts.



Answer: _____ cm²

30. Osman has 6 more \$5 notes than \$2 notes. These notes add up to \$219. How many \$2 notes does Osman have?

Answer: _____

31. Refer to Booklet K.
32. Refer to Booklet K.
33. Refer to Booklet K.
34. Refer to Booklet K.

Section C (6 × 4 marks)

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

35. Hashim has 498 stickers. Ian has 345 stickers more than Hashim but 75 stickers fewer than Jinrong. How many stickers does Jinrong have?

36. Mrs King bought 300 apples. She had 9 baskets and she put 27 apples into each basket. She gave the rest of the apples to her sister. How many apples did Mrs King give to her sister?

37. Leela spent a total of 2 h 15 min at the zoo. She watched an elephant show for 25 min and spent the rest of the time walking around the zoo. She left the zoo at 3.45 p.m.
- (a) How much time did Leela spend walking around the zoo?
Give your answer in h and min.
- (b) At what time did Leela arrive at the zoo?

38. Mong Teck had a roll of red ribbon 360 m long and a roll of black ribbon of the same length. He cut the whole roll of red ribbon into strips of 5 m and cut the whole roll of black ribbon into strips of 6 m. How many more strips of red ribbons than strips of black ribbons did Mong Teck have?

39. At a concert, an adult ticket normally cost \$130 and a child ticket cost half as much as an adult ticket. During a promotion, an adult ticket and a child ticket cost \$150 altogether. Nazri wants to buy 2 adult tickets and 2 child tickets. How much money will Nazri save if he buys them during the promotion?

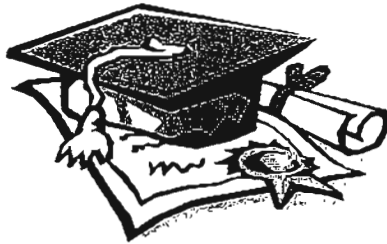
40. Rani had some flour at first. She bought another $\frac{1}{4}$ kg of flour. After she used $\frac{1}{2}$ kg of the flour to bake a cake, Rani had $\frac{1}{8}$ kg of flour left. How much flour did Rani have at first?

41. Refer to Booklet K.

42. Refer to Booklet K.

End of this Booklet

Set by : Mrs Seah Li Li

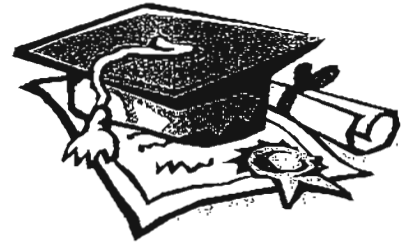


ANSWER SHEET

EXAM PAPER 2011

**SCHOOL : PEI CHUN
SUBJECT : PRIMARY 3 MATHEMATICS**

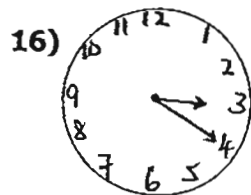
TERM : SA2



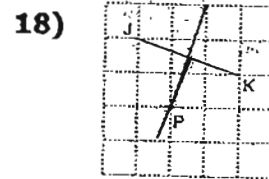
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
2	4	3	1	4	3	2	2

11)a)Ninety-five b)Six thousand and forty-seven

12)5046, 5406, 5604, 5640 13)5 14)9852 15)10



17)AB and DC



19)1h 30min 20) $\frac{3}{4}$ 21)35g 22)5/9 23)2L 470ml

24)28cm 25)8cm 26)21 27)180

28)Japan and Malaysia 29)18cm² 30)27

35)Ian→ $498 + 345 = 843$
Jinrong→ $843 + 75 = 918$
Jinrong have 918 stickers.

36)Apples in the baskets→ $27 \times 9 = 243$
Sister→ $300 - 243 = 57$
Mrs King gave 57apples to her sister.

37)a)Walking around the zoo→ $2\text{h } 15\text{min} - 25\text{min}$
= 1h 75min -25min
= 1h 50min

She spent 1h 50min walking around the zoo.
b)Leela arrived the zoo at 1.30 p.m.

38) Red ribbons $\rightarrow 360 \div 5 = 72$

Black ribbons $\rightarrow 360 \div 6 = 60$

More $\rightarrow 72 - 60 = 12$

Mong Teck have 12 more strips of red ribbons than strips of black ribbons.

39) 1 child $\rightarrow 130 \div 2 = 65$

3 adults $\rightarrow 130 \times 3 = 390$

3 adults $\rightarrow 150 \times 2 = 300$

Sale $\rightarrow 390 - 300 = 90$

Nazri save \$90 of he buys them during the promotion.

40) $\frac{1}{2} \times 4 = \frac{4}{8}$

$\frac{1}{4} \times 2 = \frac{2}{8}$

Used left $\rightarrow \frac{4}{8} + \frac{1}{8} = \frac{5}{8}$

At first $\rightarrow \frac{5}{8} - \frac{2}{8} = \frac{3}{8}\text{kg}$

Rani had $\frac{3}{8}$ kg of flour at first.