

Pei Chun Public School
Semestral Assessment 2 – 2010
Mathematics
Primary 2

Name: _____ ()

Marks : _____

Class : Primary 2 _____

Date : 27 October 2010

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. Which set of numbers is arranged from the smallest to the greatest?
 (1) 415, 451, 472 (2) 556, 529, 508
 (3) 342, 313, 389 (4) 214, 247, 209 ()

2. The digit 7 in 974 stands for _____.
 (1) 70 hundreds (2) 70 tens
 (3) 70 ones (4) 7 ones ()

3. 550 cents is the same as _____.
 (1) \$0.55 (2) \$5.50
 (3) \$55 (4) \$550 ()

4. Li Jun had 24 cookies. She gave 9 cookies to her brother and the rest equally to her 3 friends. How many cookies did each friend get?

(1) 15

(2) 12

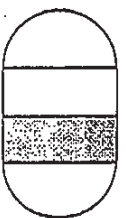
(3) 3

(4) 5

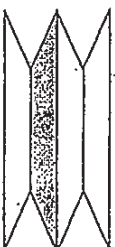
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5. Which of the following shapes shows that $\frac{1}{4}$ of it is shaded?

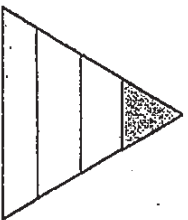
(1)



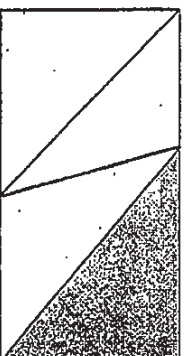
(2)



(3)



(4)



()

6. What is the missing shape in the pattern below?



(1) ↓

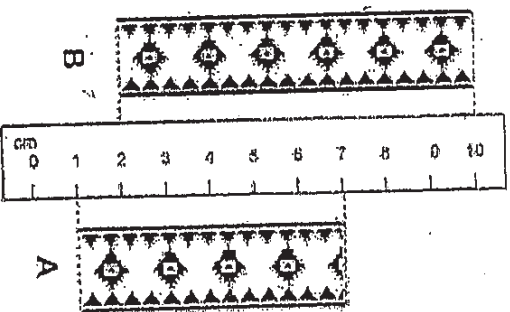
(2) →

(3) →

(4) ↓

()

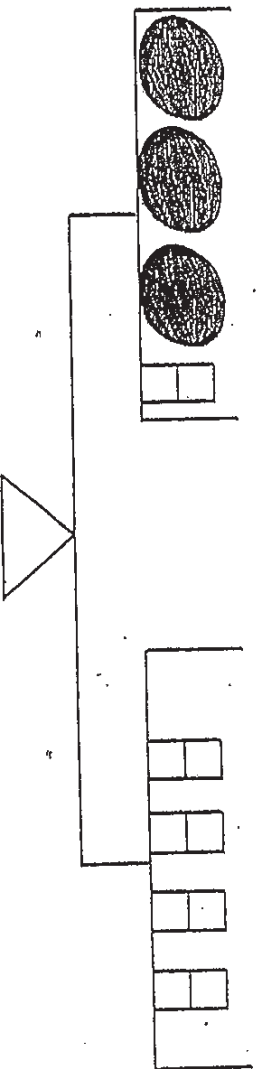
7. Look at the picture below.



How much longer is Ribbon B than Ribbon A?

- (1) 9 cm (2) 2 cm
(3) 3 cm (4) 4 cm ()

8. In the diagram below, each ☐ has a mass of 2 kg. What is the mass of each watermelon?



- (1) 20 kg (2) 16 kg
(3) 3 kg (4) 4 kg ()

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. What is the missing number in the box?

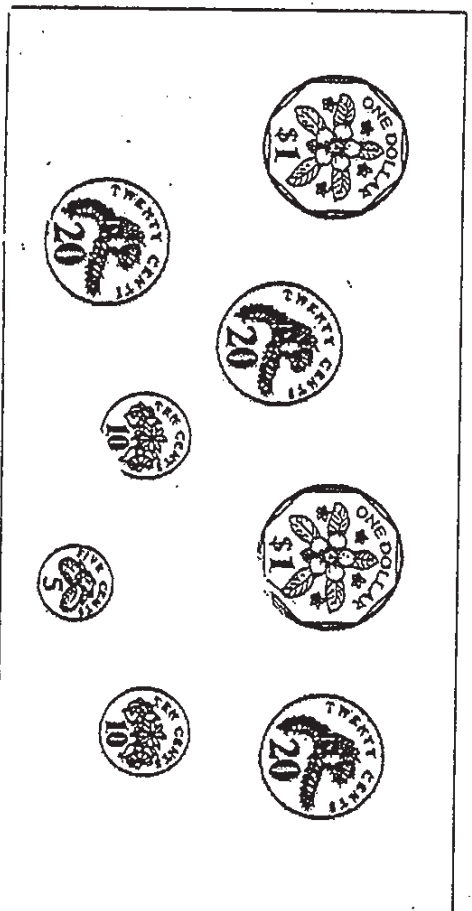
$$4 \times 8 = \boxed{} - 8$$

12. Complete the number patterns below.

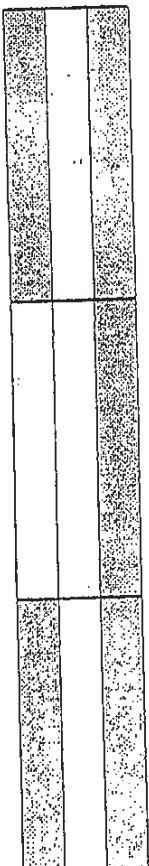
(a) 5, 10, $\boxed{}$, 20, 25

(b) 1, 2, 4, $\boxed{}$, 11, 16

13. Circle the coins in the box to show \$1.50.



14. What fraction of the figure is unshaded?

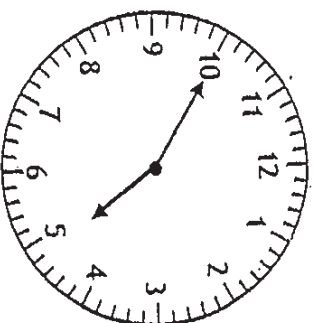


15. Arrange the fractions from the greatest to the smallest.

$\frac{1}{3}$	$\frac{1}{8}$	$\frac{1}{5}$	$\frac{1}{2}$
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_____ greatest _____

16. What is the time shown on the clock face?

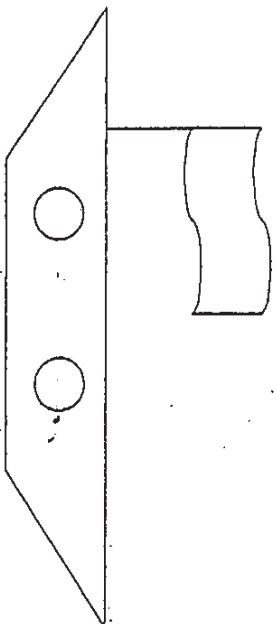


17. Fill in the blanks with cm or m.

(a) A pencil is about 17 _____ long.

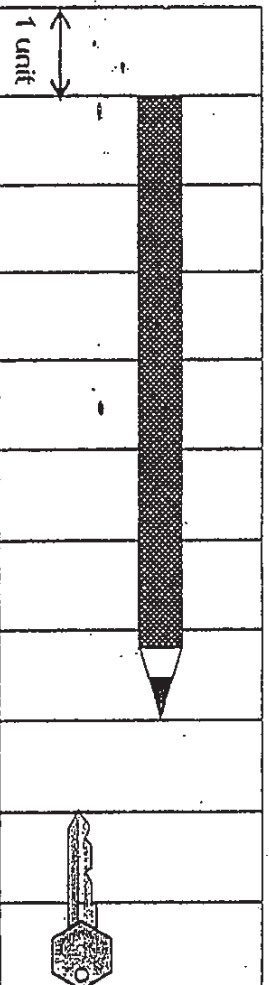
(b) The height of the classroom door is about 2 _____.

18. Study the picture below.



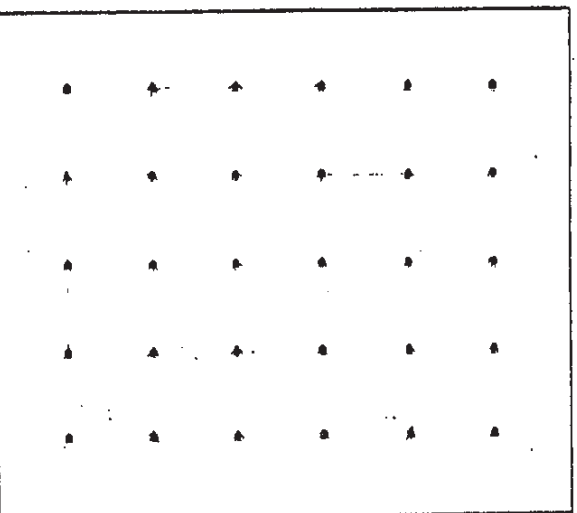
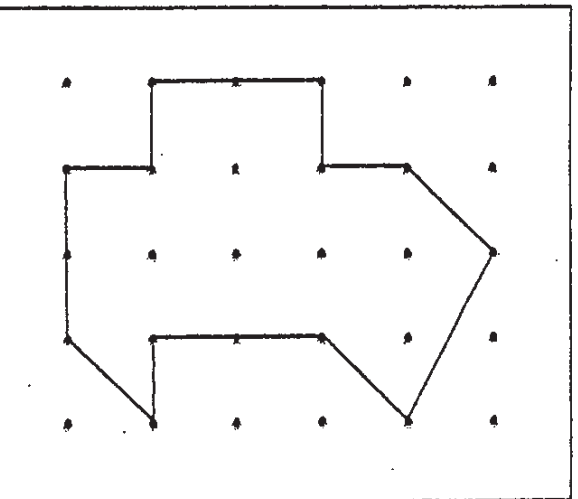
The picture is made up of _____ curves and _____ straight lines:

19. Study the diagram below.



The pencil and the key are _____ units long altogether.

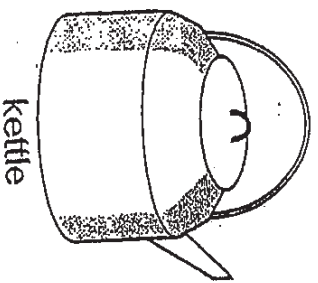
20. Copy the figure to the grid on the right. Use your pencil and ruler.



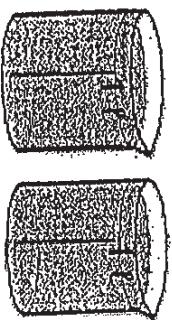
21. The sum of two numbers is 40. The difference between the two numbers is 22. Find the smaller number.
- _____

22. Mrs Wong bought 5 boxes of pencils for her children. There were 6 pencils in each box. If each child got 10 pencils, how many children does Mrs Wong have?
- _____ children

Study the pictures below carefully and answer questions 23 and 24.

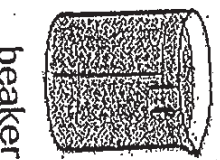
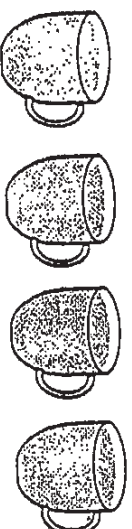


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litres of water

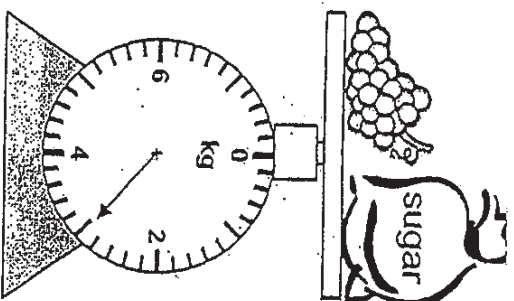
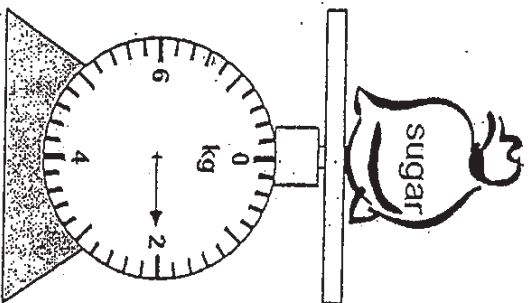
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glasses of water

23. How many litres of water are needed to fill up 3 kettles?
_____ litres
24. How many glasses of water are needed to fill up 2 kettles?
_____ glasses

25. Study the diagram carefully.








What is the mass of two bunches of grapes?

_____ kg

26. Mingli watched a cartoon programme which lasted 30 minutes. The programme ended at 4.30 p.m. At what time did the programme start?

_____ p.m.

Study the graph carefully and answer questions 27 and 28.

Number of seashells collected by each boy	
Daniel	
Kim Seng	
Amin	
Gopal	
Each  stands for 5 seashells.	

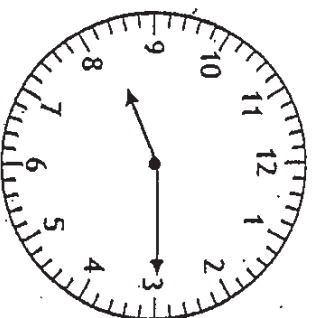
27. Daniel collected _____ seashells fewer than Kim Seng.

28. _____ and _____ collected 30 seashells altogether.

29. Sharon had \$32 more than Jessica. Amanda had \$16 less than Jessica. How much more money had Sharon than Amanda?

\$ _____

30. The clock face below is 20 min fast. What is the correct time?



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

Section C (6 x 4 marks)

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

35. There are 735 marbles in a container. 248 marbles are blue and the rest are green. How many green marbles are there?

36. Sam cut a cake into 8 equal slices. He ate $\frac{1}{8}$ of the cake. Devi and Yong Mei ate 2 slices each. What fraction of the whole cake was left?

37. Bala cut a rope into 3 parts, A, B and C. Part A and B were 160 cm each. Part C was 60 cm long. What was the length of the rope before it was cut?

38. A box with 4 packets of salt in it has a mass of 9 kg. The box has a mass of 1 kg. Each packet of salt has the same mass.

(a) What is the total mass of the 4 packets of salt?

(b) What is the mass of 1 packet of salt?

39. Mr Loy, Mrs Loy and their children went to a funfair. Mr Loy paid \$32 altogether for the tickets. How many child tickets did Mr Loy buy?

FUNFAIR TICKET PRICES	
Adult	\$10
Child	\$4

40. Jason had 36 stamps. After he gave 4 stamps to Aziz, both of them had the same number of stamps. How many stamps did Aziz have at first?

41. Refer to Booklet K.

42. Refer to Booklet K.

End of this Booklet

Set by : Mrs Christina Ng

MA/P2/SA2/2010

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Answer Ke

EXAM PAPER 2010

SCHOOL : PEI CHUN PRIMARY
SUBJECT : PRIMARY 2 MATHEMATICS

TERM : SA2

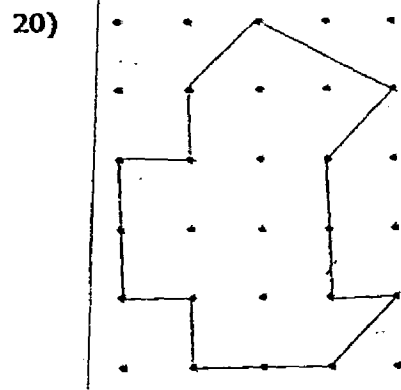
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	3	2	4	2	1	2	4

11) 40 12a) 15 12b) 7

13) 1 one-dollar coin, 2 twenty-cent coin, 1 ten-cent coin 14) $\frac{4}{9}$

15) $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{5}$, $\frac{1}{8}$ 16) 4.50 17a) cm 17b) m

18) 4, 6 19) 9



21) 9 22) 3 23) 6 24) 16 25) 2

26) 4 27) 10 28) Amin and Gopal 29) 48

30) 7.55

35) $735 - 248 = \underline{487}$	36) $2/8 \times 2 = 4/8$ $1 - 1/8 - 4/8 = \underline{3/8}$
37) $160 \text{ cm} \times 2 = 320 \text{ cm}$ $320 \text{ cm} + 60 \text{ cm} = \underline{380 \text{ cm}}$	38a) total mass of four packets of salt $= 9 - 1$ $= 8 \text{ kg}$ 38b) mass of 1 packet of salt $= 8 \div 4$ $= 2 \text{ kg}$
39) $\$32 - \$20 = \$12$ $\$12 \div \$4 = \underline{3}$	40) $36 - 4 = 32$ $32 - 4 = \underline{28}$