# Pei Chun Public School
Semestral Assessment 2 – 2010
Mathematics
Primary 3

Name: _____ (  )

Class : Primary 3____

Date : 27 October 2010

Time : 1 h 45 min

Maths Teacher : _____

Parent's Signature: _____

Marks :

| | |
|---|---|
| This Booklet | /80 |
| Booklet K | /20 |
| TOTAL | /100 |

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## Section A ( 8 × 2 marks )

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

1. In 4016, which digit is in the tens place?

(1) 1 (2) 0

(3) 6 (4) 4 (  )

2. Find the difference between 2093 and 382.

(1) 711 (2) 1711

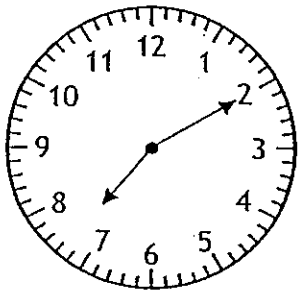
(3) 2475 (4) 2711 (  )

3. Which of the letters has right angles?

(1) W (2) Y

(3) A (4) H (  )

4. Tom took 25 minutes to mop his room. He finished mopping at the time shown on the clock face below.

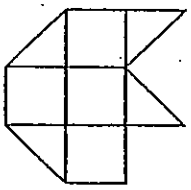


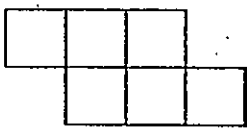

At what time did he start mopping his room?

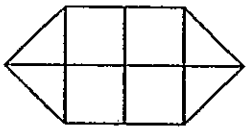
(1) 15 minutes to 6 (2) 15 minutes past 6

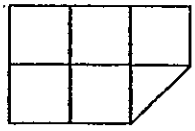
(3) 15 minutes to 7 (4) 15 minutes past 7 (  )

5. Each of these shapes is made up of square tiles of side 1 unit. Which one of the shapes does **not** have the same area as the other three shapes?

(1) 

(2) 

(3) 

(4) 

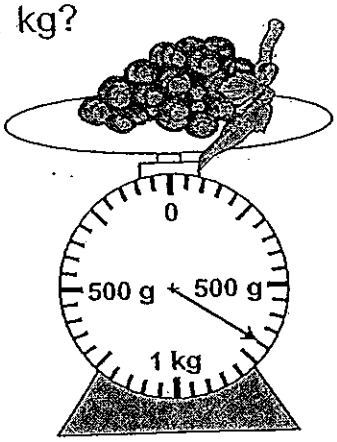
(  )

6. Xiao Ling bought a notebook and a pen for $1. The notebook cost $0.35. How much did the pen cost?

(1) $6.50 (2) $1.35

(3) $0.65 (4) $0.45 (  )

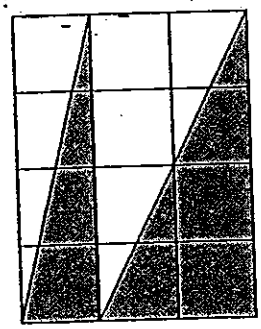
7. How many grams of grapes must be added on the weighing scale to make 1 kg?




(1) 60 g (2) 300 g

(3) 600 g (4) 700 g ( )

8. The figure below is made up of 12 equal squares.



What fraction of the figure is shaded?

(1) $\frac{1}{2}$ (2) $\frac{1}{3}$

(3) $\frac{1}{4}$ (4) $\frac{5}{6}$ ( )

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.**
**Write the correct answers in the space provided.**

11. Write the following in words.

(a) 59 _____

(b) 6814 _____

_____

12. Arrange these numbers in order. Begin with the greatest.

3072, 3270, 3720, 3027

_____, _____, _____, _____
greatest

13. 6524 + 897 = _____

Answer: _____

14. 792 ÷ 6 = _____

Answer: _____

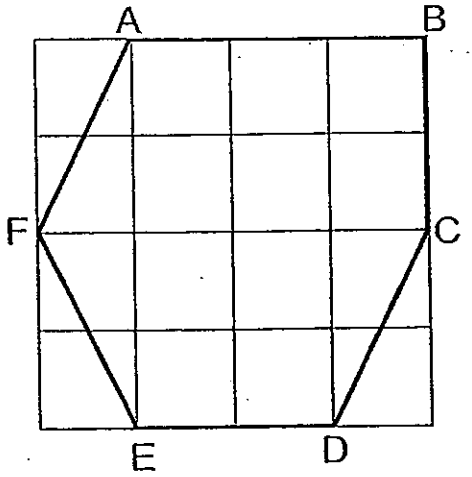
15. The product of 706 and 8 is _____.

Answer: _____

16. Write 4 h 12 min in minutes.

Answer: _____ min

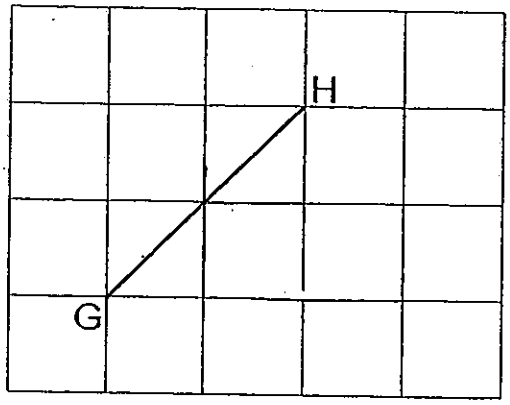
17. Study the figure below.




AF is parallel to _____.

Answer: _____

18. Use a ruler to draw a line perpendicular to GH in the grid below.




19. Mark started washing his car at 2.50 p.m. He took 1 h 10 min to wash his car. At what time did he finish washing his car?

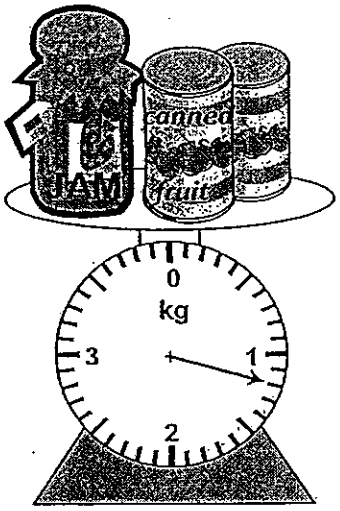
Answer: _____

20. $\frac{4}{10} + \frac{1}{5} + \square = 1$

The missing fraction in the box is _____ .

Answer: _____

21. What is the mass of the bottle of strawberry jam if each tin of canned fruit has a mass of 425 g?




Answer: _____ g

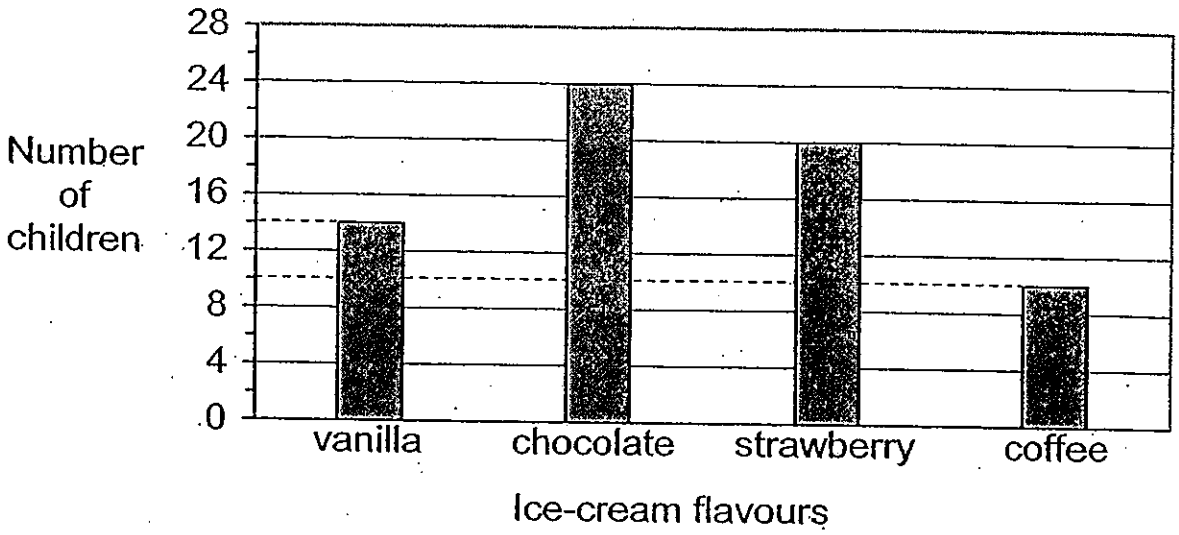
22. The mass of a box of sweets is $\frac{3}{4}$ kg. The mass of the box is $\frac{1}{8}$ kg. What is the mass of the sweets in kg?

Answer: _____ kg

23. Pei Hua bought a toy car for $67.80. He gave the cashier two fifty-dollar notes. How much change did he receive?

Answer: $ _____

The bar graph below shows the favourite ice-cream flavours of a group of children. Study the graph carefully and answer Questions 24 and 25.




24. How many **more** children like chocolate flavour than vanilla flavour?

Answer: _____

25. Which flavour is half as popular as strawberry flavour?

Answer: _____

26. Muthu cut a piece of rope into two parts. One part was 375 cm long. The other part was 29 cm shorter. What was the length of the piece of rope before it was cut?

Answer: _____ cm

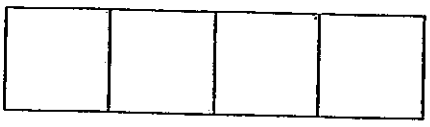
27. Mrs Wang bought 7 mangoes and 3 watermelons. Each mango cost $2. She paid a total of $30. How much did the 3 watermelons cost?

Answer: $_____

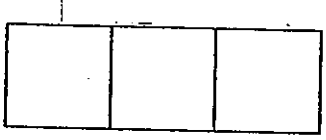
28. Mr Samy has a square plot of land that is 81 $m^2$. He wants to put up a fence around it. How many metres of fence does he need?

Answer: _____ m

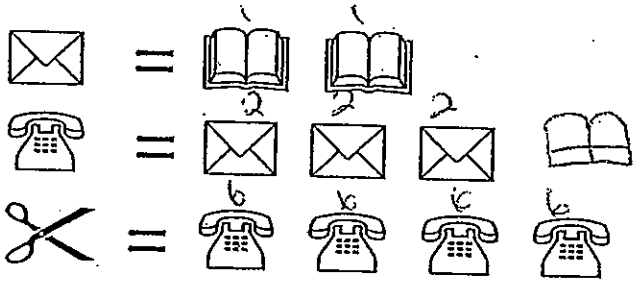
29. Four identical squares are arranged to form one large rectangle as shown in the figure below. The perimeter of the large rectangle is 670 cm.



What is the perimeter of a rectangle formed with three such squares?



Answer: _____ cm

30. 

How many does one represent?

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. 5000 people were watching a parade. 2748 of them were children and the rest were adults.

(a) How many adults were there?

(b) How many **more** children than adults were there?

36. Ben had 232 pencils. He put the pencils equally into 9 bundles and had 7 pencils left. How many pencils were there in each bundle?

37. Hassan had to scrape off the old paint in his room before he could paint it. He took 2 h 25 min to paint his room. He took 50 min less time to paint his room than to scrape off the old paint.

(a) How long did Hassan take to scrape off the old paint?

(b) How long did Hassan take to scrape off the old paint and paint his room?

(Give your answers in hours and minutes.)

38. Ahmad ran 4 times round a jogging track. He ran a distance of 996 m. John ran 7 times round the track. How far did John run?
(Give your answer in kilometres and metres.)

39. There are 86 currency notes in a wallet. There are only two-dollar notes and five-dollar notes in it. The total amount of money in the wallet is $349. How many five-dollar notes are there in the wallet?

40. Mrs Hong paid $22.90 for 2 ducks and a chicken. The duck cost $2.45 more than the chicken. How much did the chicken cost?

41. **Refer to Booklet K.**

42. **Refer to Booklet K.**

**End of this Booklet**

Set by : Mrs Tan Kwai Sin

# Ans

**EXAM PAPER 2010**

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

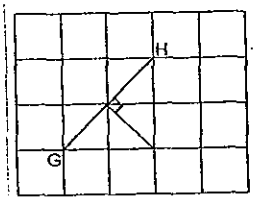
**TERM : SA2**

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

**11)a)fifty-nine b)six thousand, eight hundred and fourteen**

**12)3720, 3270, 3072, 3027** **13)7421** **14)132** **15)5648**

**16)252min** **17)CD** **18)**




**19)4.00p.m.**

**20)4/10** **21)350g** **22)5/8kg**

**23)$32.20** **24)10** **25)coffee**

**26)721cm** **27)$16** **28)36m** **29)536cm** **30)24**

**35)a)5000 – 2748 = 2252**
**b)2748 – 2252 = 496**

**36)232 ÷ 9 = 25 R 7**

**37)a)2h 25min + 50min = 3h 15min**
**b)3h 15min + 2h 25min = 5h 40min**

**38)996m ÷ 4 = 249m**
**249m x 7 = 1743m**
**John ran 1 km 743m.**

**39)86 x 2 = 172**
**349 – 172 = 177**
**5 – 2 = 3**
**177 ÷ 3 = 59**

**40)$2.45 x 2 = $4.90**
**$22.90 – $4.90 = $18.00**
**$18.00 ÷ 3 = $6**