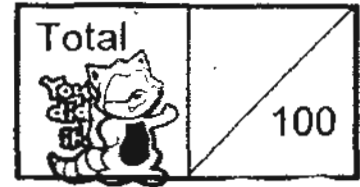




Pei Hwa Presbyterian Primary School
Semestral Assessment 2 – 2010
Mathematics
Primary 3
(Time: 1 hour 45 min)



Section A: Multiple Choice Questions (20 X 2 = 40 marks)

For each question, four options are given. One of the options is the correct answer. Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

- 1) In 8965, which digit is in the thousands place?
- (1) 9
(2) 8
(3) 6
(4) 5 ()
- 2) In 5632, the digit '6' has the same value as _____.
- (1) 6×1
(2) 6×10
(3) 6×100
(4) 6×1000 ()
- 3) The difference between two numbers is 250. The smaller number is 1860. What is the other number?
- (1) 1120
(2) 1022
(3) 2010
(4) 2110 ()

4) The product of 3 and a number is 309. What is the number?

(1) 13

(2) 103

(3) 312

(4) 927

()

5) $6456 - 907 =$ _____

(1) 5459

(2) 5549

(3) 7363

(4) 7336

()

6) ~~5 + 5~~ + 5 + 5 + 5 + 5 = 5 x 2 + _____

(1) 28

(2) 20

(3) 6

(4) 4

()

7) 4 apples cost \$2. Sheila gave the cashier \$20 and received \$6 in change. How many apples did Sheila buy?

(1) 28

(2) 14

(3) 12

(4) 7

()

8) Sally exchanged 25 twenty-cent coins for one-dollar coins.
How many one-dollar coins would she get?

- (1) 5
- (2) 6
- (3) 8
- (4) 10 ()

9) What must be added to 36 tens to get 2000 ?

- (1) 1460
- (2) 1560
- (3) 1640
- (4) 1660 ()

10) How many hundreds are there in 2530?

- (1) 5
- (2) 25
- (3) 53
- (4) 250 ()

11) Estimate the height of a flag pole.
It is about _____.

- (1) 5 m
- (2) 50 m
- (3) 500 m
- (4) 5000 m ()

12) 5 kg 65g = _____ g

- (1) 5650
- (2) 5605
- (3) 5065
- (4) 565 ()

13) Which of the following fractions is equivalent to $\frac{16}{24}$?

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

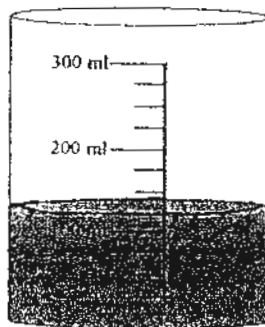
(2) $\frac{2}{3}$

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

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

()

14) What is the volume of water in the container below?



(1) 105 ml

(2) 110 ml

(3) 125 ml

(4) 150 ml

()

15) $\frac{14}{16} - \frac{?}{8} = \frac{3}{8}$

(1) 17

(2) 11

(3) 8

(4) 4

()

Section B: (20 x 2 = 40 marks)

Write your answers in the answer blanks provided.

For questions that require working, show your working clearly in the space provided.

21) Form the smallest 4-digit even number with the given digits.

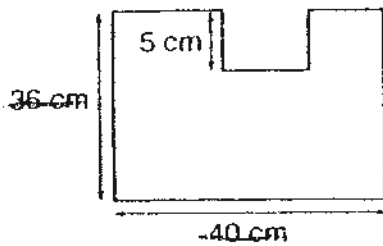


Answer: _____

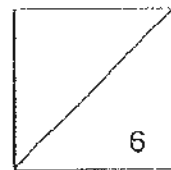
22) The product of 680 and 7 is _____.

Answer: _____

23) Find the perimeter of the figure below.



Answer : _____ cm



- 24) Jane gave away 8 bouquets of flowers. Each bouquet had 96 flowers. After which, she had 8 flowers left. How many flowers did she have at first?

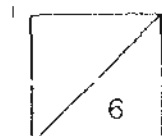
Answer : _____

- 25) Matthew is 1 m 45 cm tall. His father is 29 cm taller than him. Find the total height of both of them. Give your answer in metres and centimetres.

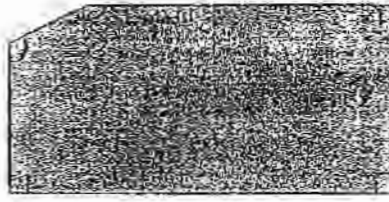
Answer: _____ m _____ cm

- 26) Jia Ling collected 1385 stamps. She has 4 times as many local stamps as foreign stamps. How many local stamps does she have?

Answer: _____



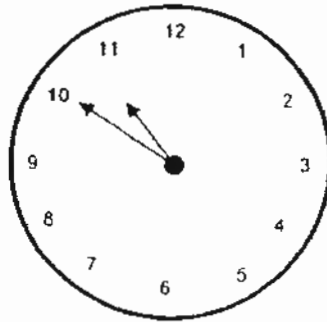
16) In the shape below, how many angles are bigger than a right angle?



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

()

17) What is the time shown below?



- 5 minutes to 10
- 10 minutes to 11
- 50 minutes past 11
- 55 minutes past 10

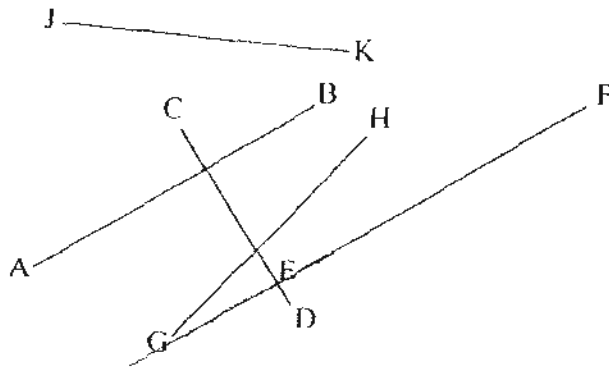
()

18) Azim used 24 cm of wire to make some identical squares.
The side of each square is 2 cm.
How many squares did he make?

- (1) 16
- (2) 12
- (3) 3
- (4) 6

()

19) Which line is parallel to AB?



- (1) CD
- (2) EF
- (3) GH
- (4) JK

()

20) Harry was told to multiply a number by 4 and add 6 to it. Instead, he added 6 to it and then multiplied by 4. The answer he got was 36. The correct answer should be _____

- (1) 18
- (2) 20
- (3) 24
- (4) 27

()

- 27) Tommy has 2 coins. His mother gives him 7 coins. He uses 4 coins to buy a snack. What fraction of his coins are left?

Answer: _____

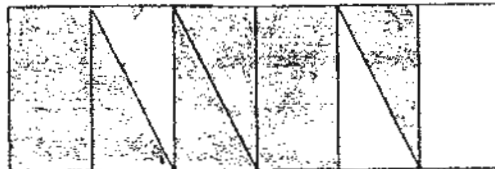
- 28) Joshua had saved \$75.85. He wanted to buy an Ipod that costs \$280. How much more money must he save in order to buy the Ipod?

Answer: \$ _____

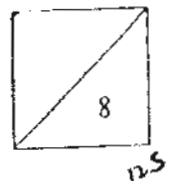
- 29) Arvin took 2 hours 15 minutes to sew a dress. How long would she take to sew 5 such dresses? (Give your answer in hours and minutes.)

Answer _____ h _____ min

- 30) What fraction of the figure is shaded? Give your answer in the simplest form.

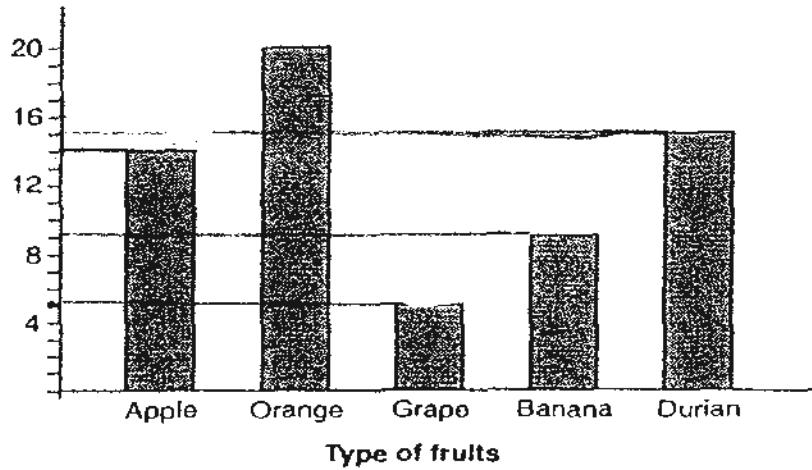


Answer: _____



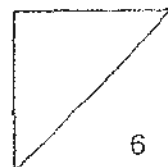
Study the graph below and answer questions 31 and 32.

A group of children were asked to choose their favourite fruit. The results are shown in the graph below.

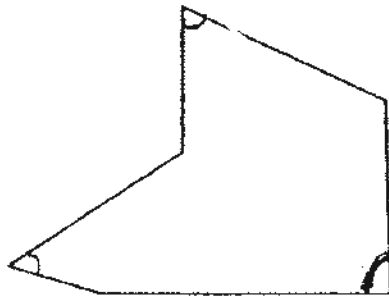


- 31) There are _____ times as many children who like orange as those who like grape.
- 32) A total of 23 children like _____ and _____.
- 33) Miss Lala starts work at 8.30 a.m. and leaves her office at 6.25 p.m. How long is she in her office?

Answer: _____



- 34) In the diagram below, mark all angles that are smaller than a right-angle.



- 35) A bottle holds 300 ml of water when it is $\frac{2}{5}$ full. How much more water can the bottle hold if it is completely filled?

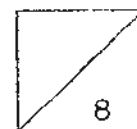
Answer: _____ ml

- 36) Paul spent \$4 and had \$24 left. If he had an equal number of \$2 and \$5 notes in his wallet at first, how many notes did he have altogether at first?

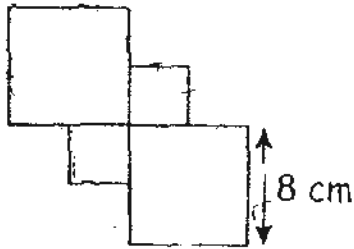
Answer: _____

- 37) Mr Lock wants to catch the bus at 8.15 a.m. He needs 45 minutes to get ready and another 10 minutes to walk to the bus-stop. By what time must he get up to ensure that he does not miss the bus?

Answer: _____ a.m.

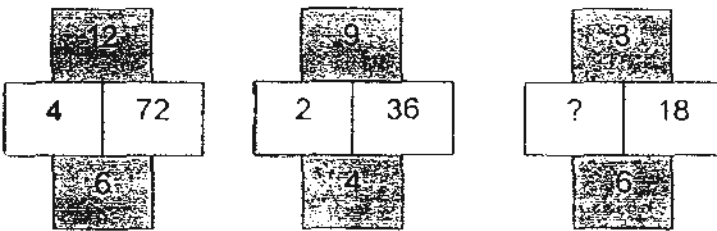


- 38) Three identical squares each of sides 8 cm are placed overlapping as shown below. The bottom corners of the top square are at the centres of the other two squares. And all the lines meet at right angles. Find the area of the figure.



Answer: _____ cm²

- 39) What is the missing number?



Answer: _____

- 40) 12 straws are placed in a row at equal distances apart. The distance between the 1st straw and the 6th straw is 35 cm. What is the distance between the 1st straw and the last straw?

Answer: _____ cm



Section C: (5 x 4 = 20 marks)

Solve each of the following problems.

Show all your working and statements clearly.

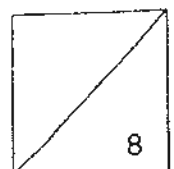
Write your answers in the spaces provided.

Working

- 41) Mdm Poh sold 3678 tarts last month. This month, she sold 746 more tarts than last month. How many tarts did she sell altogether in the two months?

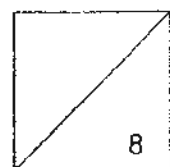
- 42) Ani bought 10 bags of oranges.
There were 37 oranges in each bag.
She opened all the bags and arranged the oranges equally into rows of 9.

- (a) How many rows of oranges were there?
(b) How many oranges were left over?



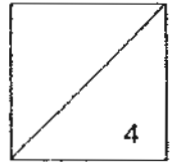
- 43) The mass of a tin of biscuits and 3 boxes of cake is 2 kg.
If the mass of each box of cake is 450 g,
what is the mass of the tin of biscuits? (Give your answer in g.)

- 44) The length of a rectangular field is 3 times as long as its breadth.
One metre of fencing costs \$5. Mr See spent \$1000 to fence up
the field. What is the length of the field ?



- 45) The total cost of a skirt, a belt and a bag is \$210.
The bag cost thrice as much as the belt and the skirt
cost twice as much as the bag. What is the total cost
of the skirt and belt?

.....END OF PAPER
PLEASE CHECK YOUR WORK.



ANSWER SHEET

EXAM PAPER 2010

SCHOOL : PEI HWA PRIMARY
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
2	3	4	2	2	2	1	1	3	2	1	3	2	3	4	2	2

Q18	Q19	Q20
3	2	1

21)2056 22)4760 23)162cm 24)776 25)3m 19cm

26)1108 27)5/9 28)\$204.15 29)11h 15min 30)2/3

31)4 32)apples and bananas 33)9h 55min 34)

35)450ml 36)8 37)7.20 a.m. 38)160cm²

39)1 40)77cm

41)3678 + 746 = 4424
4424 + 3678 = 8102
She sold 8102 tarts in all.

45)\$210 ÷ 10 = \$21
\$21 x \$7 = \$147
The total cost is \$147

42)10 x 37 = 370
370 ÷ 9 = 41R1
a)There were 41 rows of oranges.
b)1 orange was left over.

43)450g x 3 = 1350g
2kg = 2000g
2000g - 1350g = 650g
The mass of the tin of biscuits is 650g.

44)\$1000 ÷ 5 = 200
200m ÷ 8 = 25m
25m x 3 = 75m
The length of the filed is 75m.

