



NAN HUA PRIMARY SCHOOL  
CONTINUAL ASSESSMENT 2 – 2013  
PRIMARY 4

MATHEMATICS

Total Time : 1 hour 45 minutes

**INSTRUCTIONS TO CANDIDATES**

1. Write your name and index number in the space provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions and show your workings clearly.

**Marks Obtained**

Section	Maximum Marks	Actual Marks
A	40	
B	40	
C	20	
Total	100	

Name: \_\_\_\_\_ ( )

Class: P 4 \_\_\_\_\_

Date : 28 August 2013

Parent's signature: \_\_\_\_\_

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**SECTION A (20 x 2 marks)**

Questions 1 to 20 carry 2 marks each.

Of the four options given, only one is correct. Choose the correct answer (1, 2, 3 or 4) and write its number in the brackets provided.

1. What is the value of the digit '5' in 48.05?

- (1) 5
- (2) 0.5
- (3) 0.05
- (4) 0.005

( )

2. Which of the following is equivalent to  $\frac{3}{12}$  ?

- (1)  $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$
- (2)  $\frac{1}{6} + \frac{1}{12}$
- (3)  $\frac{1}{3} + \frac{2}{9}$
- (4)  $\frac{1}{3} \times 4$

( )

3. Find the product of 6 and 0.09 ?

- (1) 54
- (2) 5.4
- (3) 0.54
- (4) 0.054

( )

4. Multiply 370 by 25.

(1) 2 590

(2) 7 585

(3) 9 250

(4) 9 275

( )

5. 0.32 expressed as a fraction in its simplest form is \_\_\_\_\_.

(1)  $\frac{1}{32}$

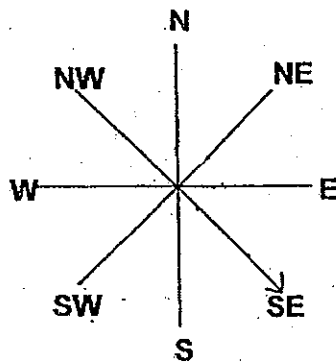
(2)  $\frac{16}{50}$

(3)  $\frac{32}{100}$

(4)  $\frac{8}{25}$

( )

6. Ahmad is facing south-east. He turns anti-clockwise through  $135^\circ$  and then makes a quarter turn clockwise. Which direction will he face?



(1) East

(2) South

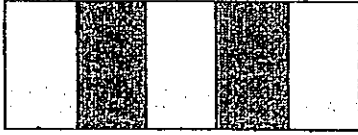
(3) North-east

(4) South-west

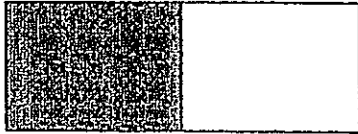
( )

7. In which one of the following figures is 0.2 shaded ?

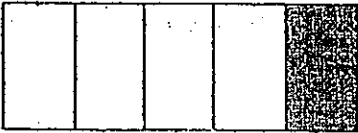
(1)



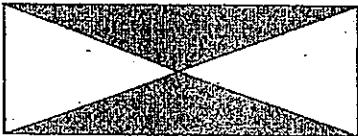
(2)



(3)



(4)



( )

8. How many eighths are there in  $8\frac{1}{4}$  ?

(1) 32

(2) 33

(3) 65

(4) 66

( )

9. Which of the following is correct ?

(1) 4.07 = 47 hundredths

(2) 4.07 = 7 hundredths

(3) 4.7 = 47 tenths

(4) 4.7 = 7 tenths

( )

10.  $5\frac{3}{100}$  is the same as \_\_\_\_\_.

(1) 0.53

(2) 5.3

(3) 5.03

(4) 5.003

( )

11. Donald has 1 268 marbles. He has 560 marbles more than Eric.  
How many marbles do they have altogether?

(1) 3 096

(2) 1 976

(3) 1 828

(4) 708

( )

12. Mrs Goh baked a pizza and both her children ate  $\frac{1}{3}$  of it each.

Her neighbour ate  $\frac{1}{4}$  of it. What fraction of the pizza was eaten ?

(1)  $\frac{11}{12}$

(2)  $\frac{7}{12}$

(3)  $\frac{5}{12}$

(4)  $\frac{1}{12}$

( )

13. Freddy spent  $\frac{1}{8}$  of the day flying kite at the park. He then played golf for

$\frac{1}{4}$  of the day. He spent the rest of the day at home. How many hours did

Freddy spend outdoors? (Note: There are 24 h in a day.)

(1) 15

(2) 9

(3) 6

(4) 4

( )

14. For every \$100 spent by the public at a mall, \$5 will be donated to charity.  
How much would the public have spent if \$4 500 was donated to charity?

(1) \$450 000

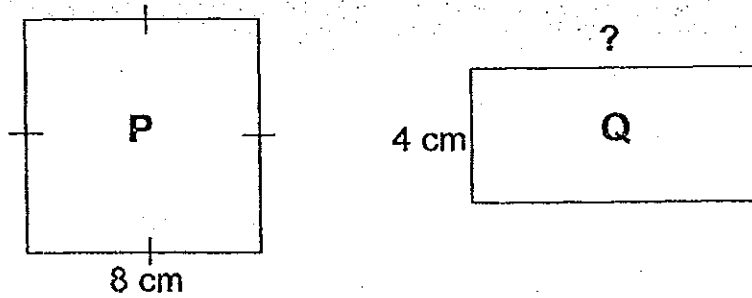
(2) \$427 500

(3) \$90 000

(4) \$22 500

( )

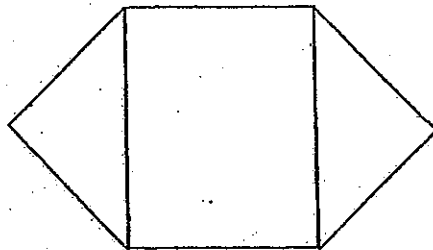
15. Square P and Rectangle Q have the same perimeter.  
What is the length of Rectangle Q?  
(The figures are not drawn to scale.)



- (1) 32 cm  
(2) 28 cm  
(3) 12 cm  
(4) 4 cm

( )

16. How many pairs of perpendicular lines can you find in the following diagram?



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

( )

17. A ticket for a child to the theme park is priced at \$22.50. An adult ticket costs twice as much. How much does a family of 2 adults and 2 children need to pay for the tickets?

(1) \$45.00

(2) \$67.50

(3) \$90.00

(4) \$135.00

( )

18. After bending a piece of wire to form a square of side 6 cm, there is 24 cm of wire left. If the remaining wire is used to form a rectangle where the breadth is half of the length. What is the greatest possible length of the rectangle?

(1) 48 cm

(2) 24 cm

(3) 8 cm

(4) 4 cm

( )

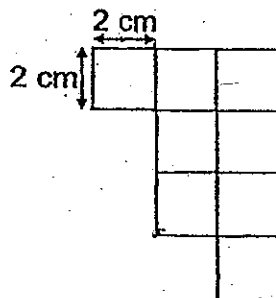
19. The figure below is made up of identical squares. What is the perimeter of the figure?

(1) 32 cm

(2) 28 cm

(3) 16 cm

(4) 14 cm



( )



20. Mrs Tan uses 48.5 g of mashed pineapple to make 10 tarts.  
How much mashed pineapple does she need to make 90 such tarts?  
Round off your answer to the nearest ten.

(1) 440 g

(2) 437 g

(3) 436.5 g

(4) 430 g

( )

**SECTION B ( 20 x 2 marks)**

Questions 21 to 40 carry 2 marks each.

Write the correct answers for the following questions in the blanks provided.  
Show your workings clearly and give your answers in the units provided.

21. Write 2 thousands, 6 tens and 7 hundredths in numerals.

Ans: \_\_\_\_\_

Do not write  
in this space

22. Complete the number pattern below.

54, 108, 324, \_\_\_\_\_, 6480, 38 880

Ans: \_\_\_\_\_

23. Arrange these numbers in descending order.

6.91, 6.199, 6.991,  $6\frac{9}{10}$

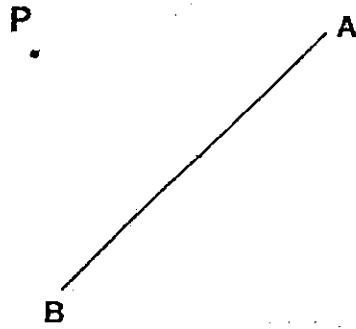
Ans: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

24. 76.34 when rounded off to 1 decimal place is \_\_\_\_\_.

Ans: \_\_\_\_\_

25. AB is a straight line. Using a ruler and a set-square, draw a straight line parallel to AB passing through point P.

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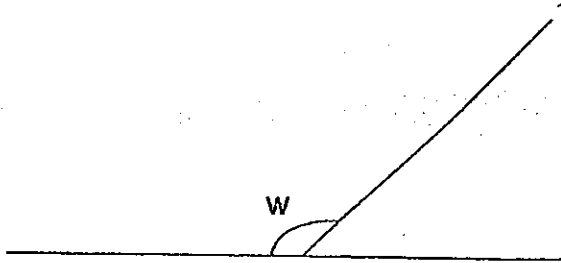
26. Express  $8\frac{2}{5}$  as an improper fraction.

Ans: \_\_\_\_\_

27. Round off the difference between 11 422 and 6 688 to the nearest thousand.

Ans: \_\_\_\_\_

28. Measure the angle marked 'w' in the diagram.



Ans: \_\_\_\_\_°

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29. Mary bought 1 red apple and 5 green apples for her family.  
Her mother bought another 3 red apples for the family.  
What fraction of the apples are red?

Ans: \_\_\_\_\_

30. Mr Jim's family used 9 units of water last week.  
If each unit of water cost \$1.20, how much did he have to pay?

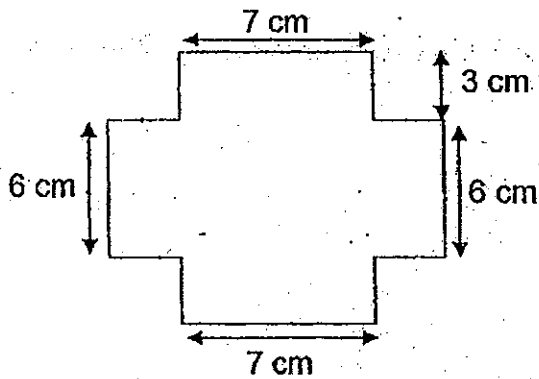
Ans: \$ \_\_\_\_\_

31. Mrs Kumar paid \$76.00 for 3-hours use of the karaoke room including some administrative charge. If it cost \$24.50 to use the room for each hour, how much was the administrative charge?

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Ans: \$ \_\_\_\_\_

32. Find the perimeter of the diagram shown below.  
(Figure is not drawn to scale.)



Ans: \_\_\_\_\_ cm

33. Lucas, Max and Ned shared \$20 among themselves. Lucas and Max each got \$4 more than Ned. How much did Ned get?

Ans: \$ \_\_\_\_\_

34. Melody bought 4 litres of apple juice. She filled up a jug with the juice and had 1.48 litres left. Find the amount of juice in the jug.

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Ans: \_\_\_\_\_ ℓ

35. Henry is 3 times as old as Irene.  
How old is Henry if their total age is 36 years?

Ans: \_\_\_\_\_ years old

36. A cupcake costs 85¢. For every purchase of 6 similar cupcakes, a discount of 50¢ is given. How much does Mrs Ong have to pay if she buys 30 such cupcakes?

Ans: \$ \_\_\_\_\_

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37. Quincy spent 0.3 of her monthly salary on food.  
She spent  $\frac{1}{5}$  of her monthly salary on paying bills.  
How much did she spend altogether each month if her  
monthly salary is \$1 500?

Ans: \$ \_\_\_\_\_

38. A piece of rod of 38.7m was cut into 2 shorter pieces.  
One piece was 12.5m long. Find the difference in length  
between these two shorter pieces of rod.

Ans: \_\_\_\_\_ m

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39. String A is twice as long as String B. String C is 3 m shorter than String A. If the total length of the 3 strings is 22 m, what is the length of String C?

Ans: \_\_\_\_\_ m

40. Tiffany bought 4 similar tins of paint and 3 similar brushes for \$54. Umar paid \$106 for 8 similar tins of paint and 5 similar brushes. Find the cost of a tin of such paint?

Ans: \$ \_\_\_\_\_



**Section C (5 x 4 marks)**

**Do the following sums carefully. All statements and workings must be clearly shown. All units must also be stated clearly.**

41. At the 'Disney On Ice' show, there were twice as many women as men. The number of children was two times the total number of men and women. If the total number of spectators was 5 400, find the number of children who were at the show?

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42. Nathan had \$59.80 in his savings. After purchasing a shirt that cost \$30.50, he was short of \$17.40 to buy a pair of trousers. How much does the pair of trousers cost?

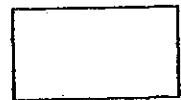
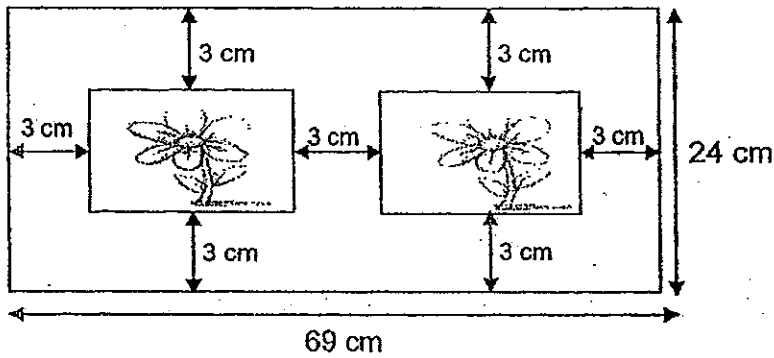
43. A rectangular garden has an area of  $184 \text{ m}^2$ . If the breadth is 8 m, what is the perimeter of the garden?

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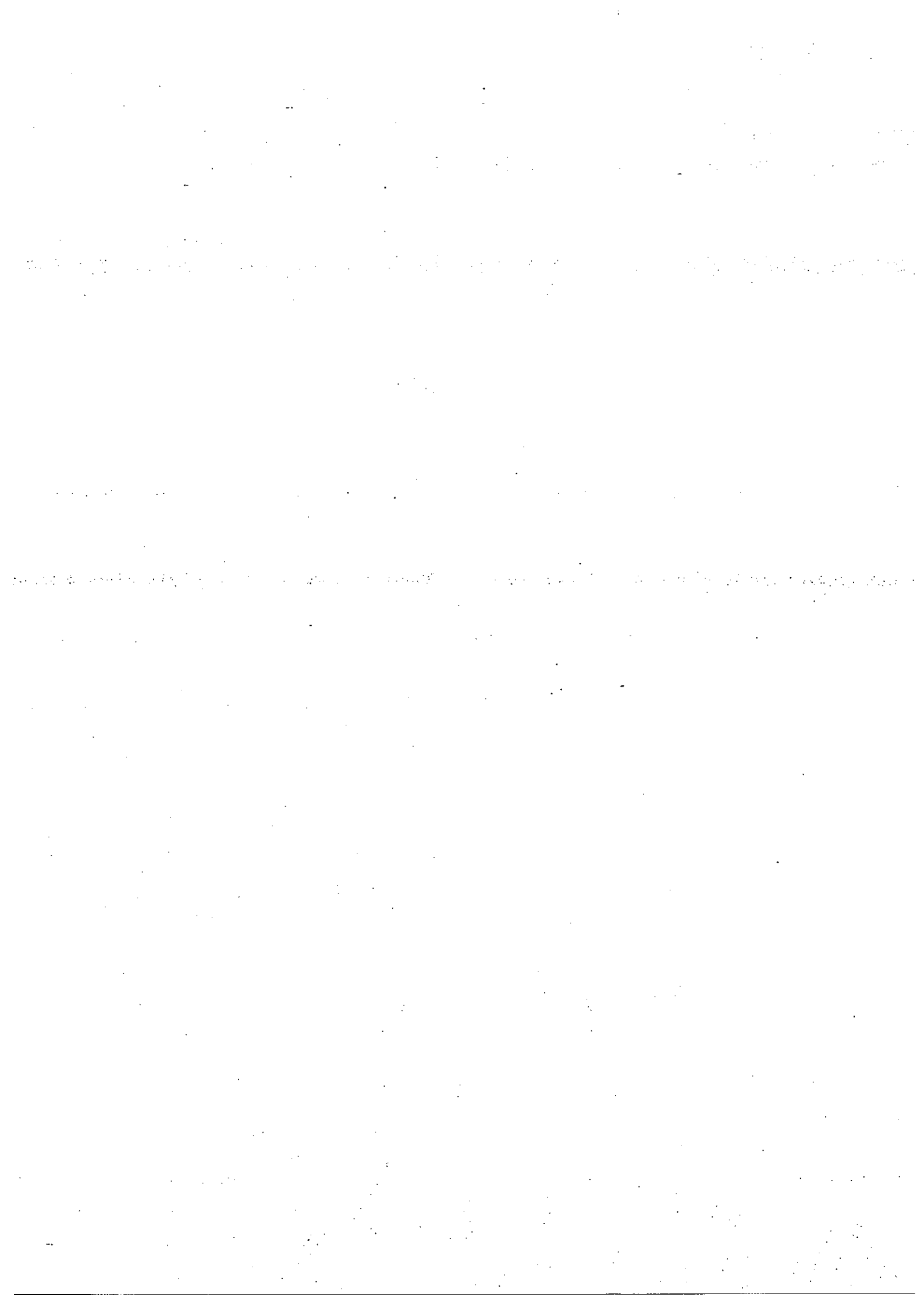
44. 35 children were divided into 7 equal groups. Each child got 16 stickers and each group received an extra 10 stickers. How many stickers did they receive altogether?

45. Vincent mounted 2 similar-sized photographs with a space of 3cm all around each photograph onto a frame as shown in the diagram. Find the area of the frame not covered by the 2 photographs. (The diagram is not drawn to scale)

Do not write in this space



End of Paper  
Remember to check your work carefully



# ANSWER SHEET

## EXAM PAPER 2013

SCHOOL : NAHUAPRIMARY SCHOOL  
LEVEL : PRIMARY 4  
SUBJECT : MATHEMATICS  
TERM : CA2

### Booklet A

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

Q17	Q18	Q19	Q20
4	3	2	1

21. 2060.07

22. 1296

23. 6.991  $6.916\frac{9}{10}$  6.199

24. 76.3

25.

26.  $42/5$

27. 5000

28. 136

29.  $4/9$

30. 10.80

31. 2.50

32. 50

33. 4

34. 2.52

35. 27

36. 23.00

37. 800

28. 13.7

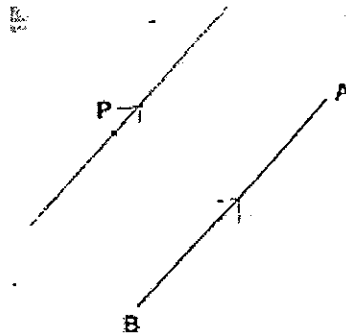
39. 7

40. 12

41.  $5400/9 = 600$

$600 \times 6 = 3600$

42.  $59.80 - 30.50 = 29.30$



$$29.30+17.40=46.70$$

$$43.184/8=23$$

$$23 \times 2 = 46$$

$$8 \times 2 = 16$$

$$16 + 46 = 62$$

$$44.35 \times 16 = 560$$

$$7 \times 10 = 70$$

$$560 + 70 = 630$$

$$45.3 \times 3 = 9$$

$$69 - 9 = 60$$

$$3 + 3 = 6$$

$$24 - 6 = 18$$

$$30 \times 18 = 540$$

$$540 \times 2 = 1080$$

$$69 \times 24 = 1656$$

$$1656 - 1080 = 576$$