2016 SEMESTRAL EXAMINATION 2
MATHEMATICS
PRIMARY 2

50

Name: _____ ( )

Class: Primary 2 _____

Duration of Paper: 1 h 30 min

Section A : Multiple Choice Questions (8 x 1 mark each = 8 marks)

Choose the correct answer and write its number in the brackets provided.

1. In which of the following numbers is the digit 1 in the tens place?

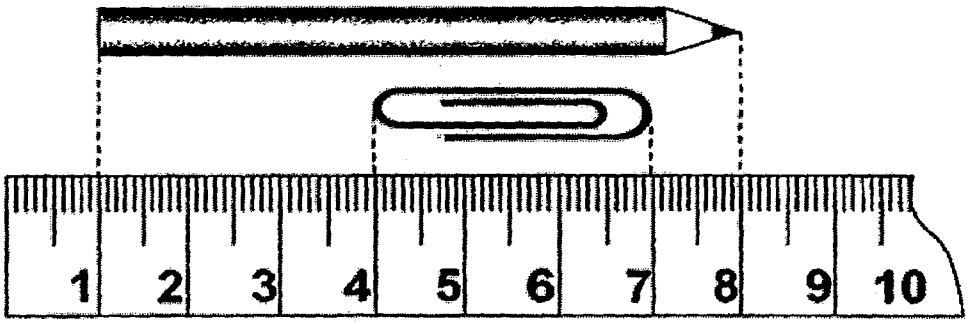
   (1) 1000

   (2) 714

   (3) 451

   (4) 175 ( )

2. Look at the figure below.
What is the difference in length between the pencil and the paper clip?



(1) 10 cm

(2) 7 cm

(3) 3 cm

(4) 4 cm ( )

3. There are 4 bags of 3 apples.
Which of the following equations does **not** show the total number of apples?

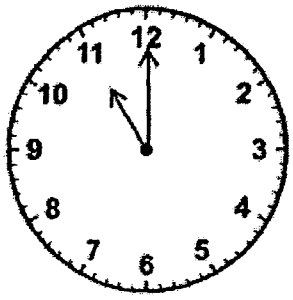
(1) 4 x 3

(2) 4 + 4 + 4

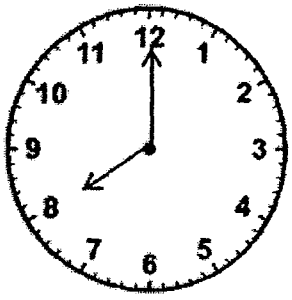
(3) 3 + 3 + 3 + 3

(4) 3 x 3 x 3 x 3 ( )

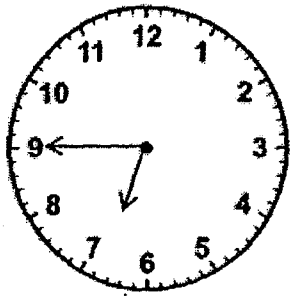
4. Jane has to complete some tasks from 7 a.m. to 7 p.m. The clocks below show the time which she has to complete the tasks. Order the tasks according to the times, beginning with the earliest time.



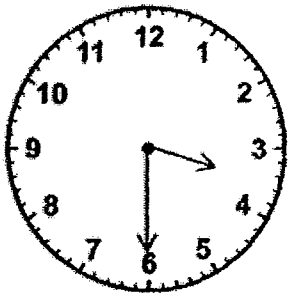
(A) Do homework



(B) Feed the dog



(C) Water plants



(D) Practise piano

Which of the following shows the correct order?

(1) A, D, C, B

(2) B, A, D, C

(3) C, B, A, D

(4) D, C, B, A ( )

5. Sally glued two wooden cubes together as shown below.
She then painted the faces grey.
How many faces of the cubes were painted grey?

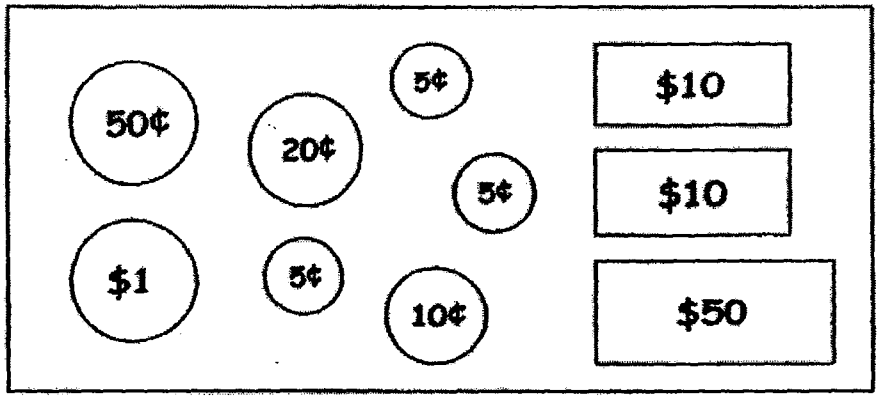
(1) 5

(2) 6

(3) 10

(4) 12 ( )

6. What is the total amount of money shown below?



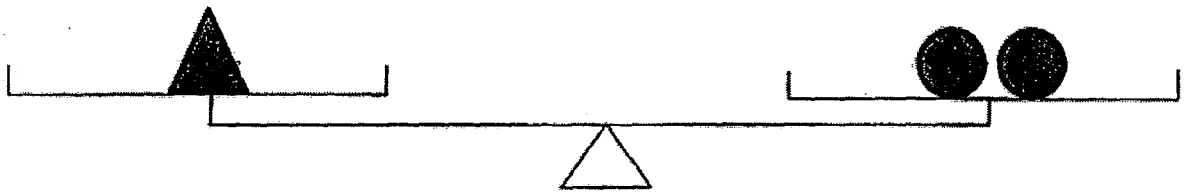
(1) $70.95

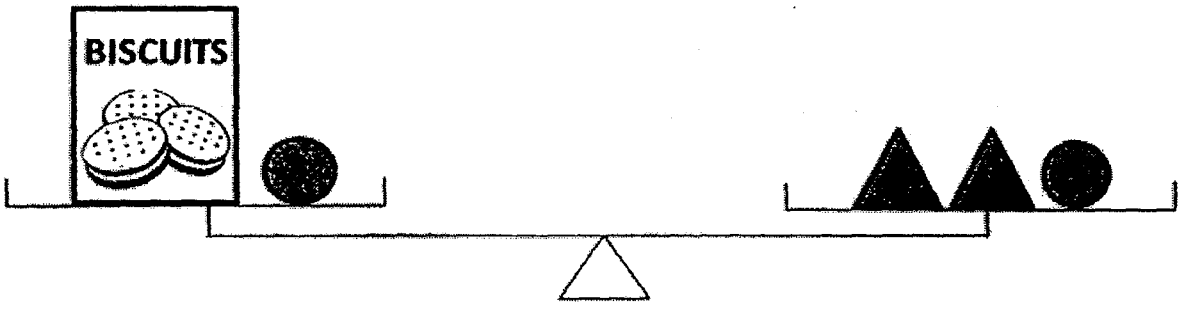
(2) $71.45

(3) $71.90

(4) $71.95 ( )

7. Study the diagrams below.





The mass of the packet of biscuits is about ? .

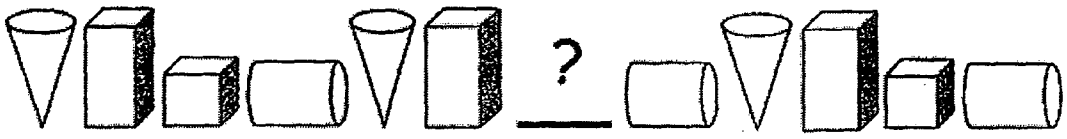
(1) 1

(2) 5

(3) 3

(4) 4 ( )

8. Study the pattern shown below.
Which is the missing solid?



(1)

(2)

(3)

(4)

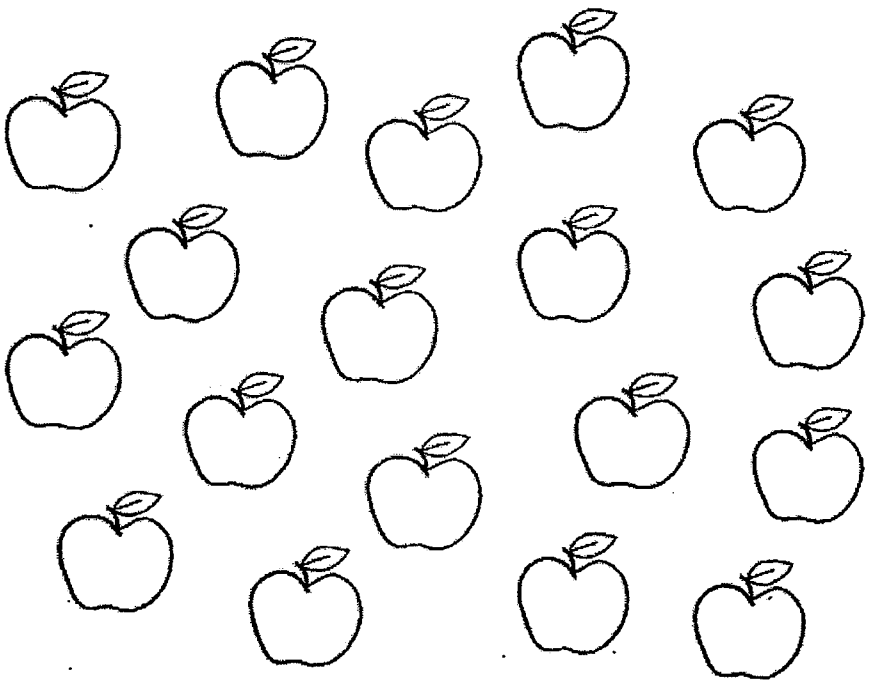
( )

1

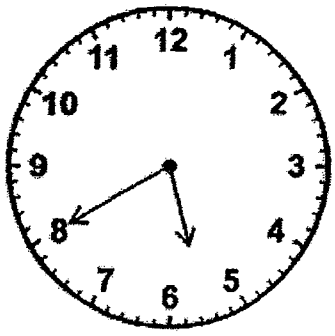
Section B : Open-Ended Questions (25 marks)

Questions 9 to 17 carry 1 mark each. Questions 18 - 25 carry 2 marks each. Read the following questions carefully and write your answers in the boxes provided. Show all your working clearly.

9. Share 18 apples equally among 3 students.
   Circle the apples to show your answer.

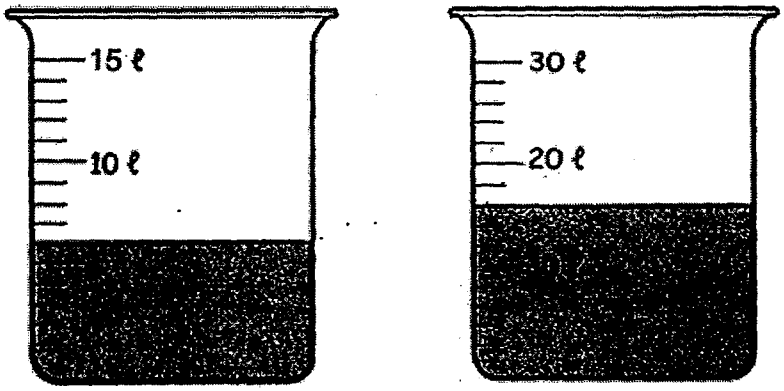


10. The clock shows the starting time of a concert.
Jane arrived half an hour before the start of the concert.
What time did Jane arrive at the concert?



Ans: _____ p.m.

11. Look at the 2 beakers below.
What is the total volume of water in the 2 beakers?



Ans: _____ ℓ

12. Put a tick in the box(es) to show the letter(s) that have both straight lines and curves.

R	A	D	I	O

13. The table below shows the mass of 4 different animals.

Type of Animal	Mass
Dog	35 kg
Goat	54 kg
Horse	142 kg
Pig	85 kg

What is the difference in the mass between the heaviest and the lightest animal?

Ans: _____ kg

14. Look at the amount of money shown below.
Write its value in cents.

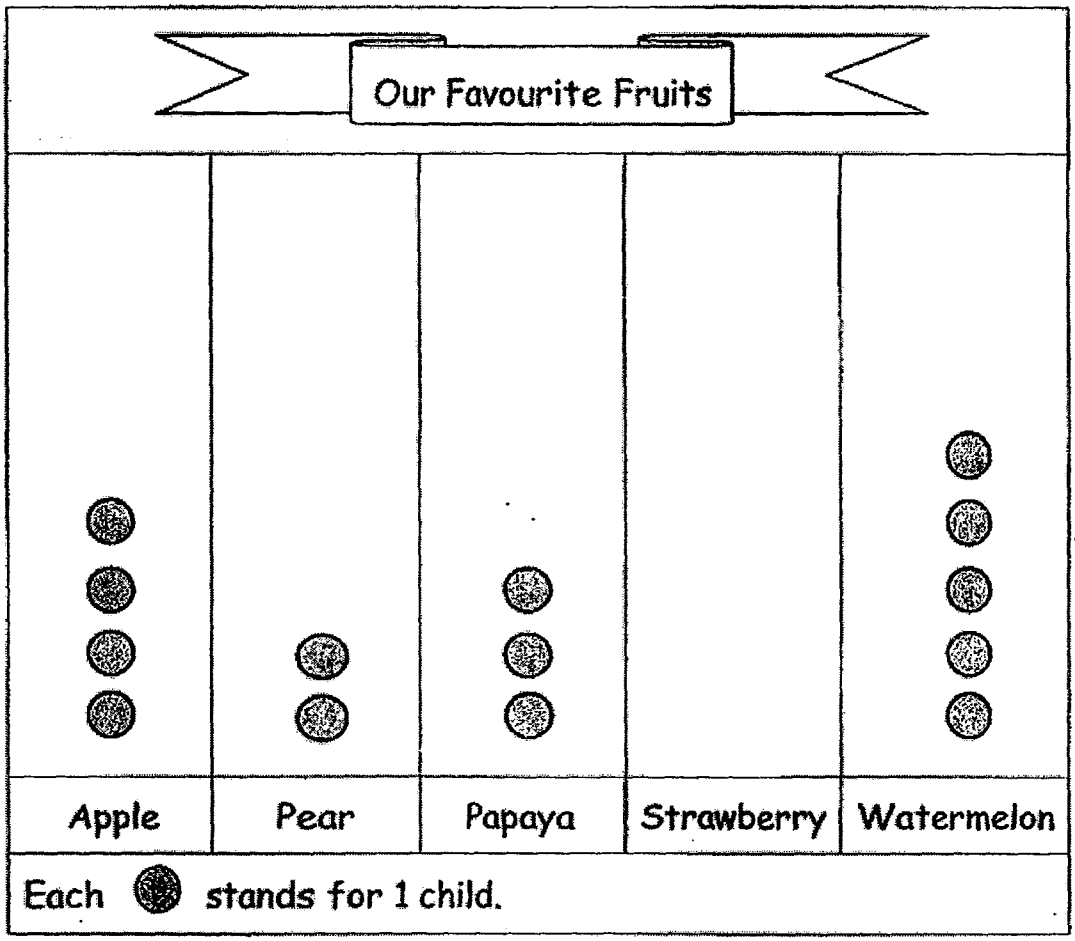
Ans: ¢

15. Look at the number pattern below.
What is the missing number?

475, 471, 467, 463, ___?___, 455, 451

Ans:

16. The picture graph below shows the favourite fruits of a group of children.



Given that there were 21 children in the group, complete the picture graph above to show the number of children who like strawberry.

17. 8 fours = 3 + 3 + 3 + ?

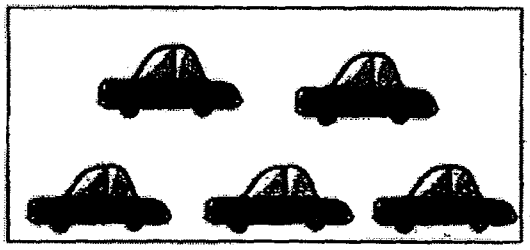
What is the missing number in the box?

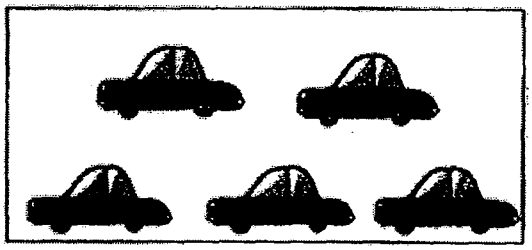
Ans:

18. What is 98 less than 1000?

Ans:

19. Based on the pictures given below, write a multiplication equation and a division equation in the box provided.





_____ X _____ = _____

_____ ÷ _____ = _____

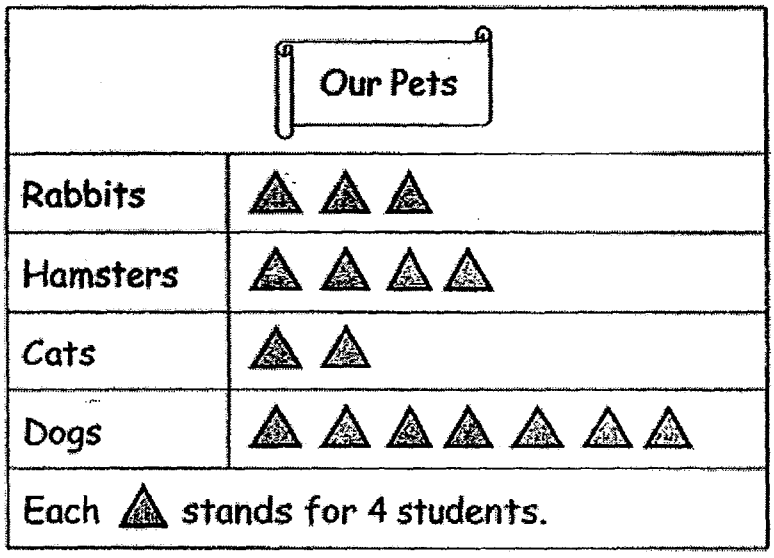
20. Order the given fractions.
Begin with the greatest.

$\frac{1}{4}$, $\frac{1}{2}$, $\frac{1}{8}$, $\frac{1}{3}$

_____ , _____ , _____ , _____

Greatest

21. The picture graph below shows the different types of pets kept by the students in a class.



a) How many more students keep dogs than rabbits?

Ans:

b) Twice the number of students keep _____?_____ as pets than cats.

Ans:

22. Use the digits below to form the smallest 3-digit odd number which is greater than 125 but smaller than 695.
Each digit can only be used **once**.

2	6	5	9

Ans: _____

23. I ate $\frac{2}{8}$ of a pizza.

May ate $\frac{3}{8}$ of the same pizza.

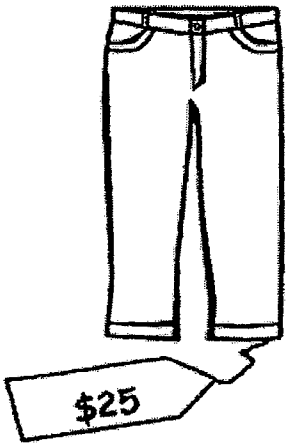
What fraction of the pizza was eaten?

Ans: _____

24. Ali went to a department store to buy a T-shirt and a pair of jeans. He gave the cashier $50. How much change should he receive?

T-shirt

Jeans



Ans: $ _____

25. A container can hold only 226 marbles.
Danny put 132 marbles into the container.
How many more marbles can the container hold?

Ans: ☐

☑

Section C: Word Problems (17marks)

Questions 26 to 27 carry 4 marks each.
Questions 28 to 30 carry 3 marks each.
Read each question carefully. Show your equations and write your word statements clearly in the spaces provided.

---

26. Mrs Seng sold 426 bowls of noodles on Monday.
She sold 128 fewer bowls of noodles on Tuesday than on Monday.
She sold 349 bowls of noodles on Wednesday.

a) How many bowls of noodles did Mrs Seng sell on Tuesday?

Working

b) How many bowls of noodles did Mrs Seng sell on Monday and Wednesday?

27. Yiling has 9 boxes of colour pencils.
There are 10 colour pencils in each box.
James has three times as many boxes of colour pencils as Yiling.

a) How many colour pencils does Yiling have?

Working

b) How many boxes of colour pencils does James have?

28. Peter had 324 stickers.
He bought another 247 stickers.
In the end, he had 148 stickers more than John.
How many stickers did John have?

Working

29. Some passengers boarded the bus at the Bus Interchange.
At Bus Stop A, 25 passengers alighted from the bus.
At Bus Stop B, 15 passengers boarded the bus.
There were 50 passengers on the bus when it left Bus Stop B.
How many passengers were there on the bus when it left the Bus Interchange?

Bus Interchange Bus Stop A Bus Stop B

Working

30. Grace bought a carton of apples.
She packed 8 apples into each bag.
She had 4 such bags of apples and had 3 apples left.
How many apples were there in the carton at first?

Working

-END OF PAPER-

Setters: Mrs Png Lai Leng, Mr Saiful, Mrs Judy Toh, Ms Xu Chunshan

ANSWER SHEET

EXAM PAPER 2016 (P2)

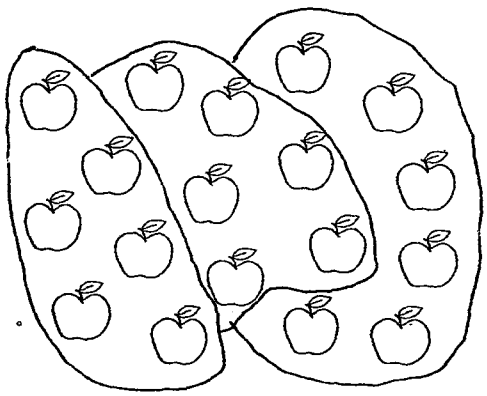
SCHOOL : HENRY PARK PRIMARY SCHOOL

SUBJECT : MATHEMATICS

TERM : SA2

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

Q9)



Q10) 5.10 p.m.
Q11) 22 l
Q12) R and D
Q13) 107kg
Q14) 605c
Q15) 459
Q16) 7
Q17) 23
Q18) 902
Q19) 5 x 2 = 10
10 ÷ 2 = 5

Q20) $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{8}$

Q21) (a) 16
(b) Hamsters

Q22) 259

Q23) $\frac{5}{8}$

Q24) $7.10
Q25) 94 marbles

Q26) (a) 426 - 128 = 298
Mrs Seng sold 298 bowls of noodles on Tuesday.

(b) 426 + 349 = 775
Mrs Seng sold 775 bowls of noodles on Monday and Wednesday.

Q27) (a) 9 x 10 = 90
Yiling has 90 colour pencils.

(b) 9 x 3 = 27
James has 27 boxes of colour pencils.

Q28) 324 + 247 = 571
571 - 148 = 423
John has 423 stickers.

Q29) 50 - 15 = 35
35 + 25 = 60
There were 60 passengers on the bus when it left the Bus Interchange.

Q30) 4 X 8 = 32
32 + 3 = 35
There were 35 apples in the carton at first.