34

Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 2 (2016)

PRIMARY 2

MATHEMATICS

Booklet A

Tuesday **1 November 2016** **1 hour**

Name: _____ ( ) Class: 2.( ) Parent's Signature: _____

INSTRUCTIONS TO PUPILS

1 Do not turn over the pages until you are told to do so.

2 Follow all instructions carefully.

3 There are 26 questions in this booklet.

4 Answer ALL questions.

Section	Possible Marks	Marks Obtained
A	40	
B	40	
C	20	
Total	100	

This question paper consists of 15 printed pages (inclusive of cover page).

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Section A (20 x 2 marks)

For each question, choose the correct answer and write its number (1, 2, 3 or 4) in the brackets given.

1. 2 hundreds and 1 ten = _____.
What is the missing number?

(1) 12
(2) 21
(3) 201
(4) 210

( )

2. In the number 403, the digit 0 is in the _____ place.

(1) ones
(2) tens
(3) hundreds
(4) thousands

( )

3. Study the number pattern below.
What is the missing number in the box?

12 , 15 , 19 , 22 , 26 , ☐ , 33 , 36 , 40 , 43

(1) 27
(2) 28
(3) 29
(4) 30

( )

4. 400 + ☐ + 6 = 416
What is the missing number in the box?

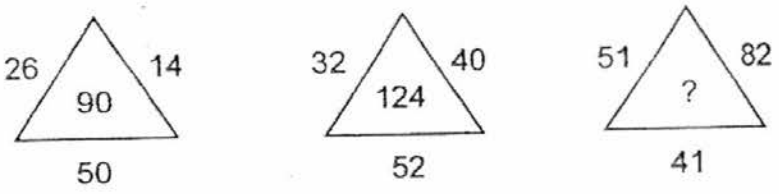
(1) 1
(2) 10
(3) 100
(4) 1000

( )

Sub-Total : ☐

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5. Study the number pattern shown below. What is the missing number?



(1) 92
(2) 123
(3) 133
(4) 174

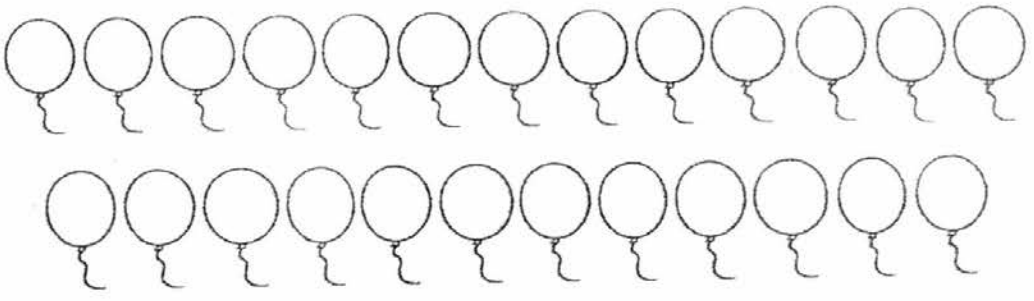
( )

6. What is the value of 8 groups of 4?

(1) 12
(2) 16
(3) 32
(4) 48

( )

7. All the balloons below are shared equally among 5 boys.



How many balloons will each boy get?

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

( )

Sub-Total :

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8. Which one of the following numbers can be divided by both 2 and 3 completely?

(1) 9
(2) 15
(3) 18
(4) 20

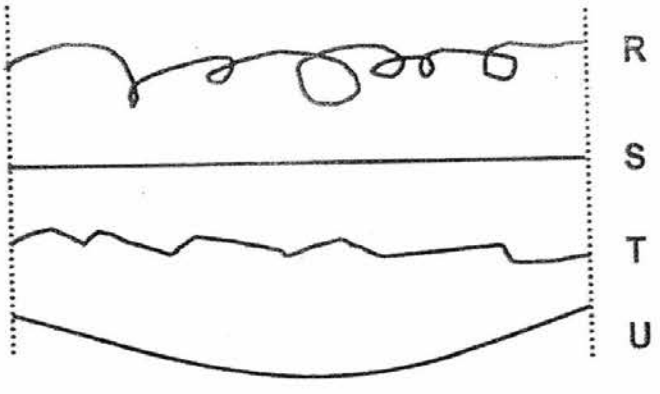
( )

9. Granny bakes 8 cakes and puts 5 cherries on each cake.
How many cherries does Granny use altogether?

(1) 13
(2) 25
(3) 35
(4) 40

( )

10. Look at the picture below. Which string is the longest?



(1) R
(2) S
(3) T
(4) U

( )

Sub-Total :

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11. May and Tina carried a sack of rice home from the supermarket.
Which one of the following may be the mass of the sack of rice?

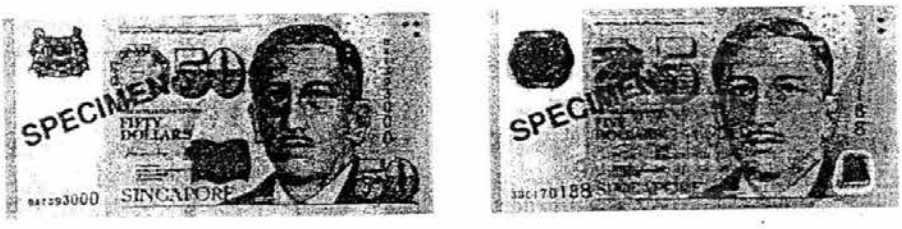
(1) 5 g
(2) 50 g
(3) 5 kg
(4) 500 kg



( )

12. Which one of the following is the same as $0.55?

(1)



(2)



(3)



(4)



( )

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13. Lily wants to buy the pair of shoes and the toy dog.



shoes



toy dog

Which of the following is **not** enough for her to pay for the pair of shoes and the toy dog?

(1) 1 fifty-dollar note
(2) 3 ten-dollar notes
(3) 7 five-dollar notes
(4) 12 two-dollar notes

( )

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



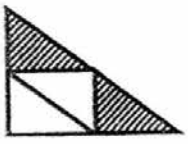
(1) 5.50
(2) 6.10
(3) 6.50
(4) 10.30

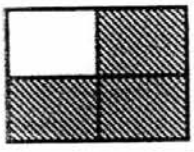
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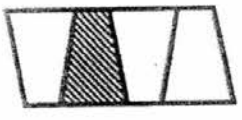
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15. Which one of the figures show $\frac{1}{4}$ shaded?

(1) 

(2) 

(3) 

(4) 

( )

16. A car uses 93 ℓ of petrol. It uses 35 ℓ less petrol than a truck.
How much petrol does a truck use?

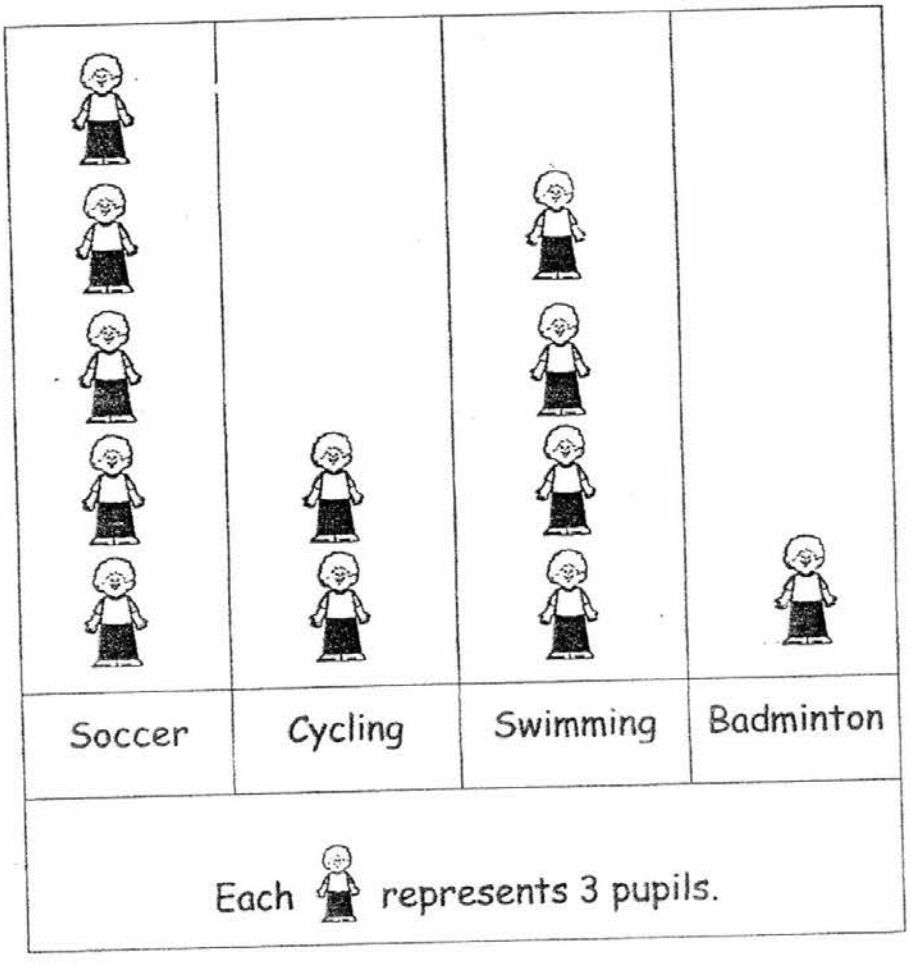
(1) 35
(2) 58
(3) 62
(4) 128

( )

Sub-Total :

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Study the graph and answer Question 17.
The picture graph below shows the favourite sports of pupils in Class 2B.



17. How many more pupils like soccer than badminton?

(1) 12
(2) 9
(3) 3
(4) 4

( )

Sub-Total :

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18. Amelia drew a picture using only curved lines. Which picture did she draw?

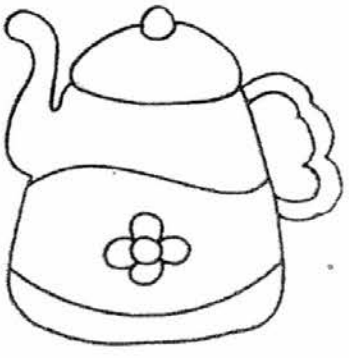
(1)



(2)



(3)



(4)



( )

19. 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 =  x 3

90 ÷  =  + 

What is the value of  ?

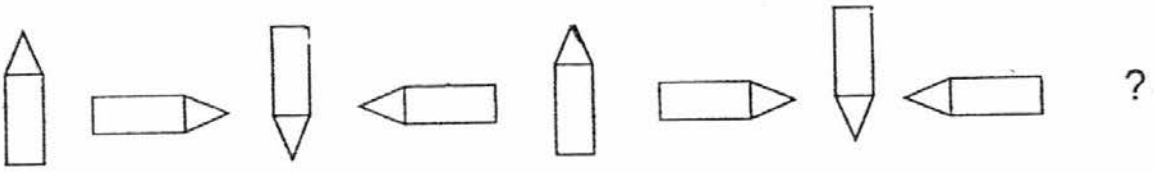
(1) 5
(2) 8
(3) 10
(4) 18

( )

Sub-Total :

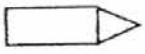
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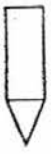
20. Study the pattern below. What comes next?

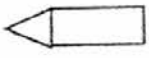


?

(1) 

(2) 

(3) 

(4) 

( )

Sub-Total :

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Section C: Word Problems (20 marks)

Questions 1 and 2 (2 marks each)
Questions 3 to 6 (4 marks each)
Work out the following problems carefully. Show each step of your working clearly as marks will be given for working and relevant statements.

1. Mrs Lee baked 685 banana and chocolate muffins.
There were 267 banana muffins.
How many chocolate muffins did she bake?

She baked _____ chocolate muffins.

2. John ate $\frac{1}{5}$ of a pizza. Christy ate $\frac{3}{5}$ of it.
What fraction of the pizza was eaten?

The fraction of the pizza eaten was _____

Sub-Total :

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3. Alice invited 70 guests to her party.
There were 2 adults and 8 children seated at each table.

(a) How many tables were there?

(b) Alice gave a present to each adult. How many presents did she buy altogether?

Sub-Total :

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4. Mark had the same number of erasers and pencils.
He gave all the erasers to 6 friends. Each friend got 2 erasers.

(a) How many erasers did he have?

(b) Mark packed all the pencils into bags of 4 pencils. How many bags did he use to pack the pencils?

Sub-Total :

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5. Bob and his 3 friends went fishing. They caught 24 guppies altogether. Each of them caught an equal number of guppies.

(a) How many guppies did each of them catch?

(b) Bob took 2 guppies from each of his 3 friends. How many guppies did he have altogether in the end?

Sub-Total :

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6. Timmy wants to buy a soccer ball and a pair of boots. The soccer ball costs $16. The pair of boots costs $109 more than the soccer ball.

(a) How much do the soccer ball and the pair of boots cost altogether?

(b) Timmy has $44. How much more money does he need to buy the soccer ball and the pair of boots?

End of Booklet A

Sub-Total :

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Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 2 (2016)

PRIMARY 2

MATHEMATICS

Booklet B

Tuesday **1 November 2016** **50 min**

Name: _____ ( ) Class: 2. ( )

INSTRUCTIONS TO PUPILS

1 Do not turn over the pages until you are told to do so.

2 Follow all instructions carefully.

3 There are 20 questions in this booklet.

4 Answer ALL questions.

This question paper consists of 8 printed pages (inclusive of cover page).

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Section B (20 x 2 marks)

Fill in the blanks with the correct answer.

1. Write the following words in numbers.

   (a) Five hundred and twelve

   (b) Nine hundred and eight

(a) _____

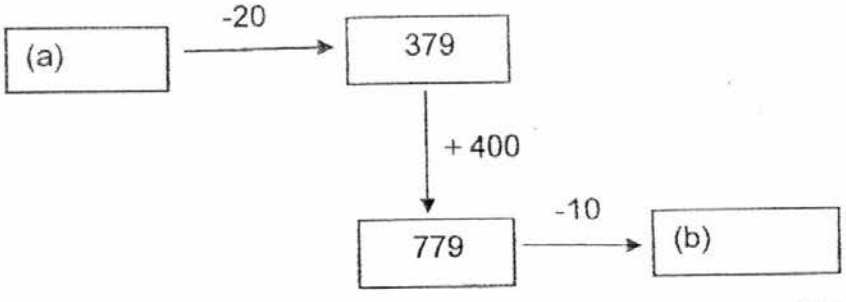
(b) _____

2. What is the smallest **3-digit even** number that can be formed using the digits shown below? (Do **not** begin with digit 0.)

6	3	0

_____

3. Fill in the boxes with the missing number.



(a) _____

(b) _____

Sub-Total: _____

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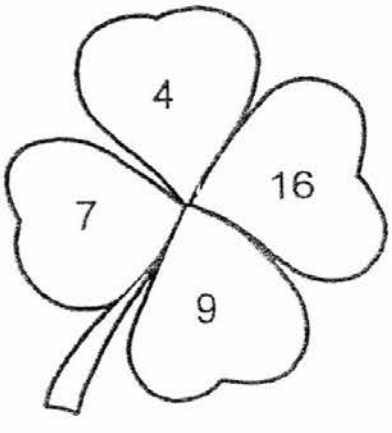
4. Find the difference in value between 50 tens and 28 ones.

5. What is the missing digit in the box below?

$$\begin{array}{r} 4\ \square\ 4 \\ +\ 3\ 6\ 7 \\ \hline 8\ 6\ 1 \end{array}$$

6. Count in fives.
Start with 15.
What is the fourth number?

7. When all the numbers in the  are added up, the answer is the same as 4 x ☐. What is the missing number in the box?



Sub-Total:

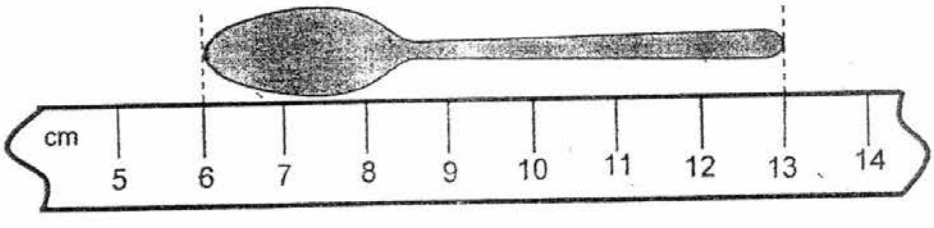
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8. Cindy made 30 bracelets altogether. She made 3 bracelets each day.
How many days did she take to make all the bracelets?

9. What is the missing number?

Number of caterpillars	3	6	7	?
Number of leaves	6	18	28	50

10. Look at the pictures below. Find the length of the spoon.



cm

Sub-Total:

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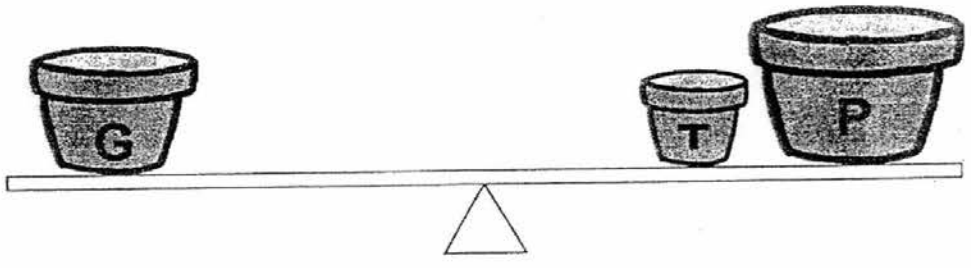
11. $\frac{5}{12}$ and $\square$ make 1 whole.

12. Arrange the following fractions in order. Begin with the greatest fraction.

$\frac{1}{11}$, $\frac{1}{5}$, $\frac{1}{9}$

greatest _____ , _____ , _____ smallest

13. Study the diagram below carefully.



Pot G weighs 220 g and Pot T weighs 70g.

What is the mass of the Pot P?

g

Sub-Total:

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14. Arrange these amounts in order. Begin with the smallest amount.

$693.25	$329.65	$639.25	$369.25

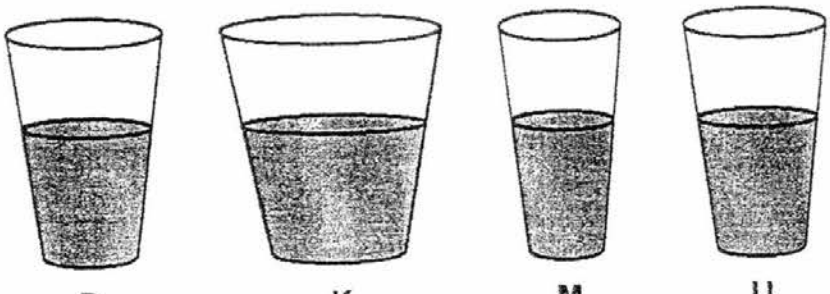
$	$	$	$

smallest

15. Melissa started her piano practice at 11.30am. The practice lasted for 1 hour. What time did her practice end?

p.m.

16. The containers are **not** of the same size.
Which container has the least amount of water?



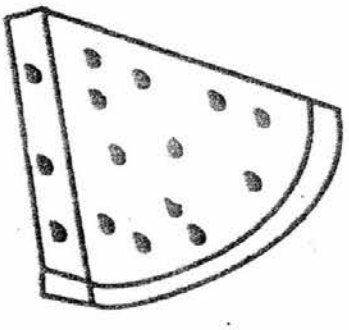
D K M U

Sub-Total:

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17. Mrs Singh gave away some three-litre bottles of detergent. She gave away a total of 12 litres of detergent. How many three-litre bottles of detergent did she give away?

18. Look at the picture below.



How many flat faces does the slice of watermelon have?

Sub-Total:

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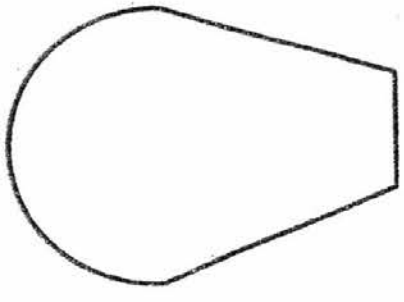
19. The picture graph below shows the favourite colours of the pupils in Class 2C.

Our Favourite Colours

Green	▲
Purple	▲ ▲
Yellow	
Red	▲ ▲
Each ▲ stands for 5 pupils.	

There are 40 pupils in the class.
Draw on the graph above to show the number of pupils who like yellow.

20. Draw lines on the figure below to show that it is formed by 2 triangles, a rectangle and a semi-circle.



End of Booklet B

Sub-Total:

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YEAR : 2016
LEVEL : PRIMARY 2
SCHOOL : ANGLO-CHINESE (JUNIOR)
SUBJECT : MATHEMATICS
TERM : SA2

Booklet A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	2	3	2	4	3	1	3	4	1
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
3	2	4	1	4	4	1	3	1	1

Q1 $685 - 267 \Rightarrow$ 418 chocolate muffins

Q2 $\frac{4}{5}$

Q3 (a) 7 tables

(b) $7 \times 2 \Rightarrow$ 14 presents

Q4 (a) $6 \times 2 \Rightarrow$ 12 erasers

(b) $12 \div 4 \Rightarrow$ 3 bags

Q5 (a) $24 \div 4 \Rightarrow$ 6 guppies

(b) $3 \times 2 \rightarrow 6$
$6 + 6 \Rightarrow$ 12 guppies

Q6 (a) Boots $\rightarrow 109 + 16 = 125$
Total $\rightarrow 125 + 16 \Rightarrow$ $141

(b) $141 - 44 \Rightarrow$ $97

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Booklet B

Q1 (a) 512

(b) 908

Q2 306

Q3 (a) 399

(b) 769

Q4 $500 - 28 \Rightarrow \underline{472}$

Q5 9

Q6 $15 \rightarrow 20 \rightarrow 25 \Rightarrow \underline{30}$

Q7 $7 + 4 + 16 + 9 \rightarrow 36$
$36 \div 4 \Rightarrow \underline{9}$

Q8 $30 \div 3 \Rightarrow \underline{10 \text{ days}}$

Q9

Number of caterpillars	$\underbrace{3}_{\times 2}$	$\underbrace{6}_{\times 3}$	$\underbrace{7}_{\times 4}$	$\underbrace{10}_{\times 5}$
Number of leaves	6	18	28	50

Q10 7 cm

Q11 $\frac{7}{12}$

Q12 $\frac{1}{5}, \frac{1}{9}, \frac{1}{11}$

Q13 $220 \text{ g} - 70 \text{ g} \Rightarrow \underline{150 \text{ g}}$

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Q14

\$329.65	\$369.25	\$639.25	\$693.25

smallest

Q15 $\overbrace{11:30am \mid 12:30pm}^{1\ hour}$

Answer ⇒ 12:30 pm

Q16 Container M

Q17 $12 \div 3 \Rightarrow$ 4 bottles

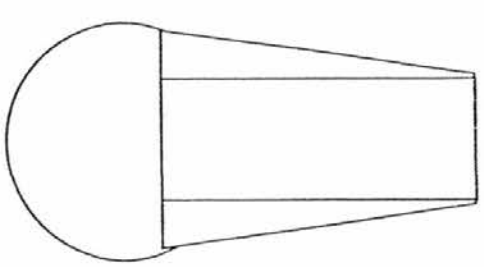
Q18 4 flat faces

Q19

Green	▲
Purple	▲ ▲
Yellow	▲ ▲ ▲
Red	▲ ▲

Each ▲ stands for 5 pupils.

Q20



End

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35

HENRY PARK PRIMARY SCHOOL
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

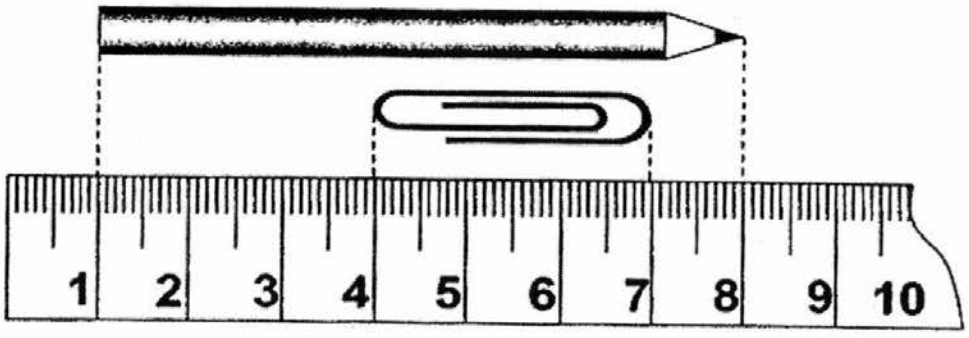
   (3) 451

   (4) 175

( )

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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

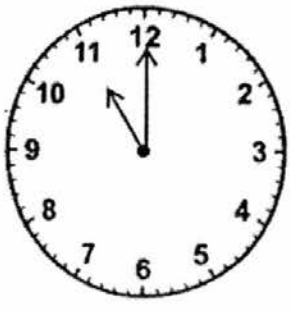
(3) 3 + 3 + 3 + 3

(4) 3 x 3 x 3 x 3

( )

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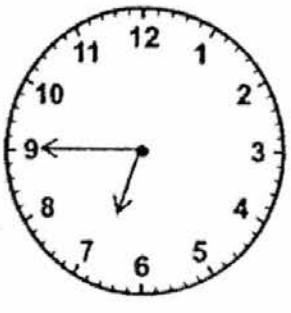
4. Jane has to complete some tasks from **7 a.m. to 7 p.m.** The clocks below show the time which she has to complete the tasks. Order the tasks according to the times, beginning with the earliest time.



(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

( )

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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

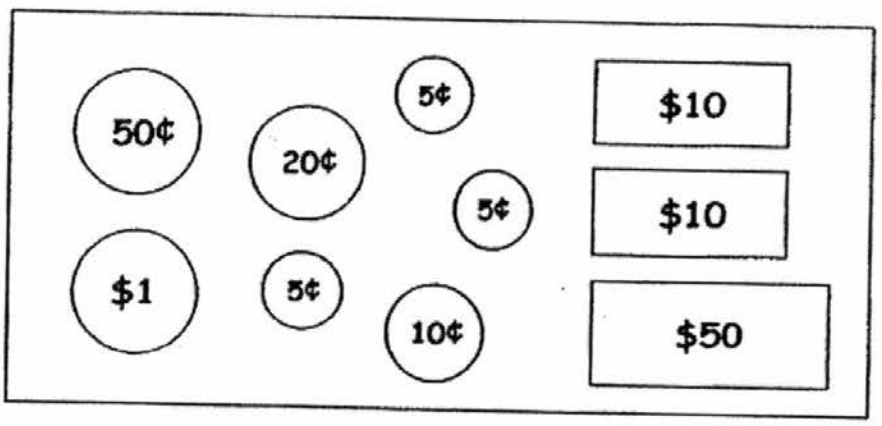
(2) 6

(3) 10

(4) 12

( )

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



(1) $70.95

(2) $71.45

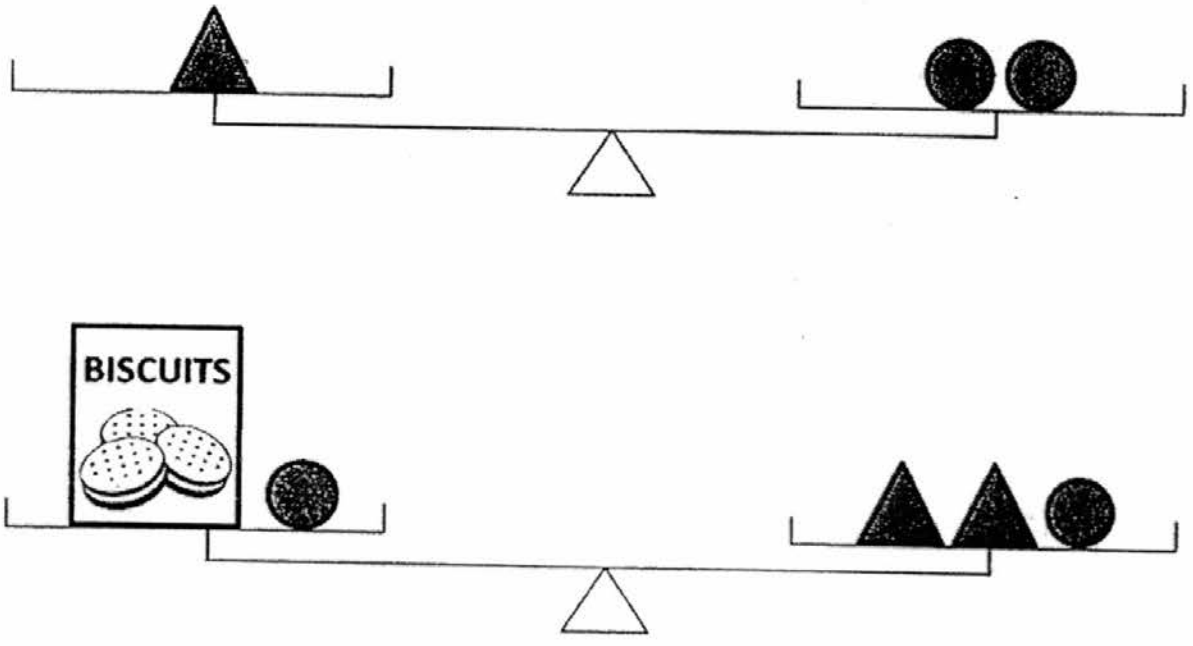
(3) $71.90

(4) $71.95

( )

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7. Study the diagrams below.



The mass of the packet of biscuits is about ____?____ .

(1) 1

(2) 5

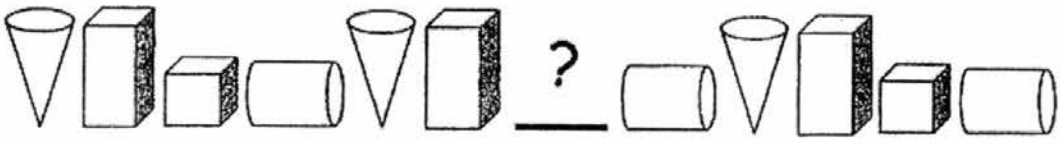
(3) 3

(4) 4

( )

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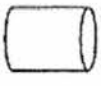
8. Study the pattern shown below.
Which is the missing solid?



(1) 

(2) 

(3) 

(4) 

( )

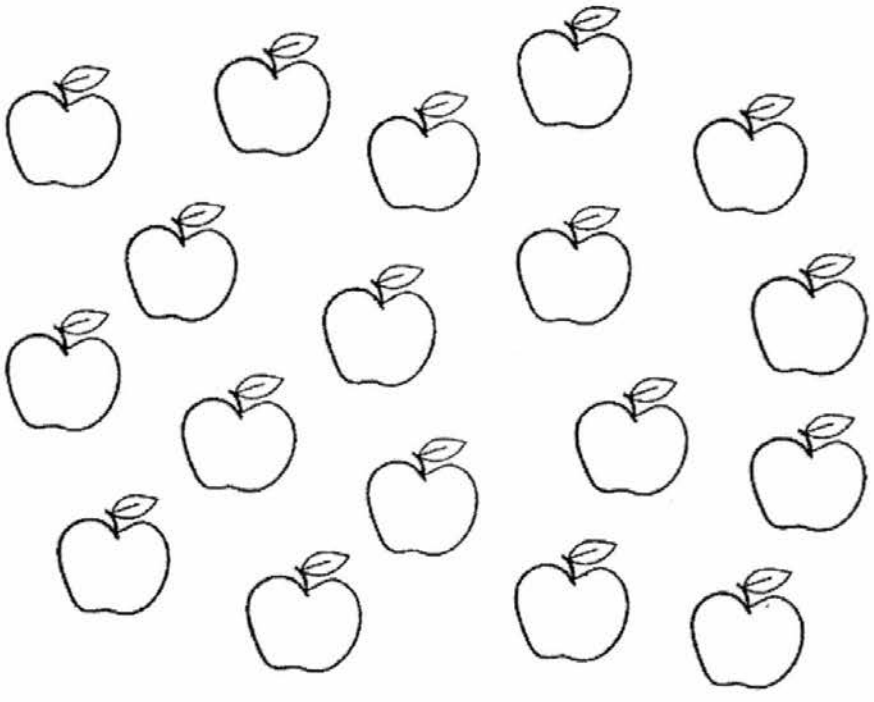
1

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Section B : Open-Ended Questions (25 marks)

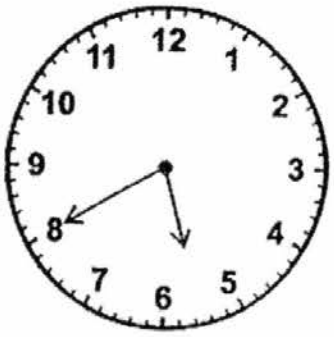
Questions 9 to 17 carry 1 mark each. Questions 18 - 25 carry 2 marks each. Read the following questions carefully and write your answers in the boxes provided. Show all your working clearly.

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



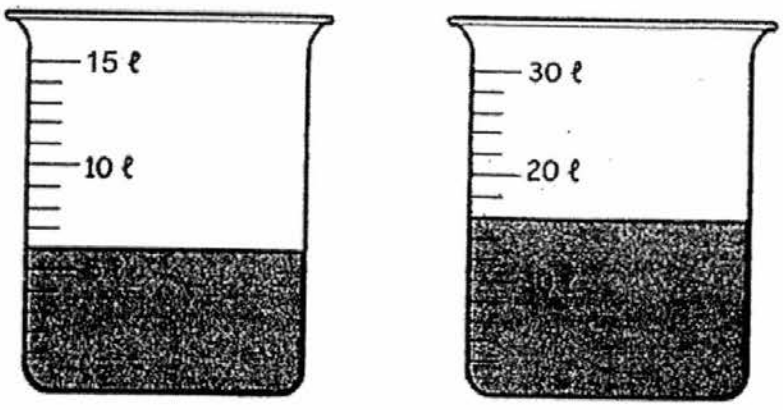
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10. The clock shows the starting time of a concert.
Jane arrived half an hour before the start of the concert.
What time did Jane arrive at the concert?



Ans: _____ p.m.

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



Ans: _____ ℓ

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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.

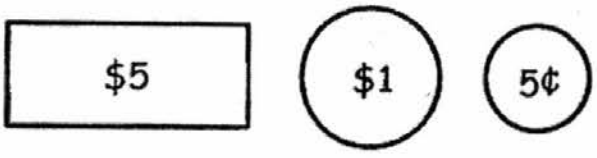
Type of Animal	Mass
Dog	35 kg
Goat	54 kg
Horse	142 kg
Pig	85 kg

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

Ans: _____ kg

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



Ans: _____ ¢

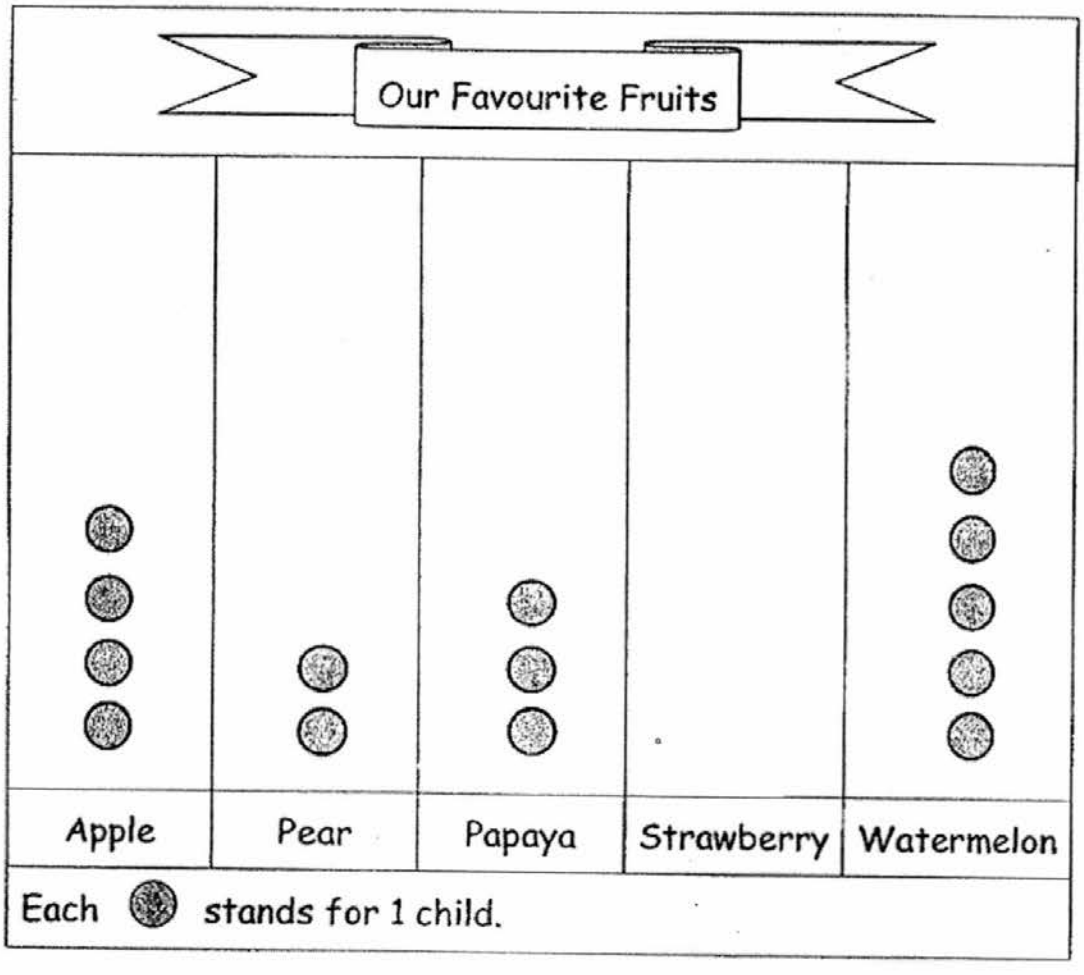
15. Look at the number pattern below.
What is the missing number?

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

Ans: _____

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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.

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

What is the missing number in the box?

Ans: [ ]

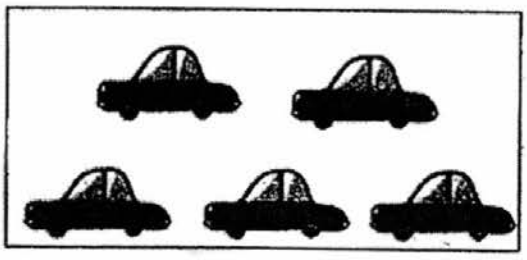
18. What is 98 less than 1000?

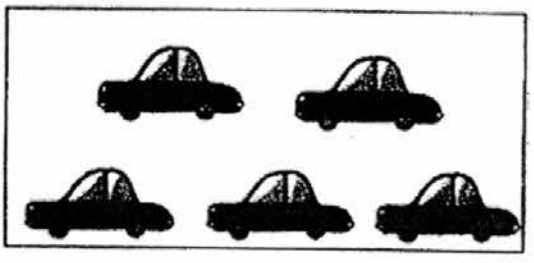
Ans: [ ]

[ ]

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





_____ x _____ = _____

_____ ÷ _____ = _____

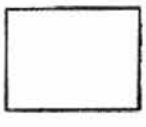
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20. Order the given fractions.
Begin with the greatest.

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

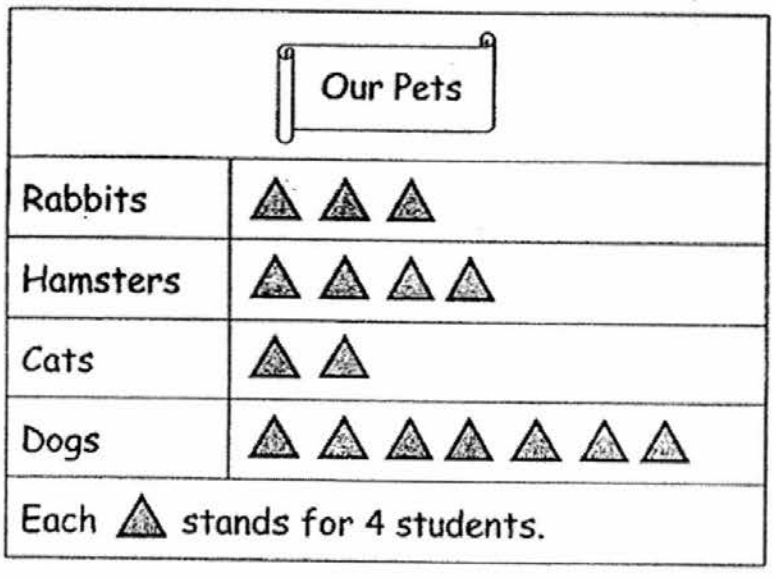
_____ , _____ , _____ , _____

Greatest



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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:

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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: _____

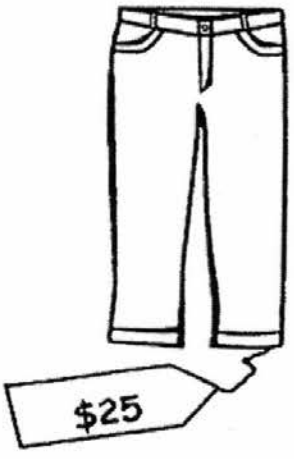
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24. Ali went to a department store to buy a T-shirt and a pair of jeans. He gave the cashier $50. How much change should he receive?

T-shirt



Jeans

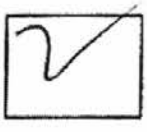


Ans: $ _____

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

Ans: ☐



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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?

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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?

_____

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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

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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

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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

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EXAM PAPER 2016 (P2)

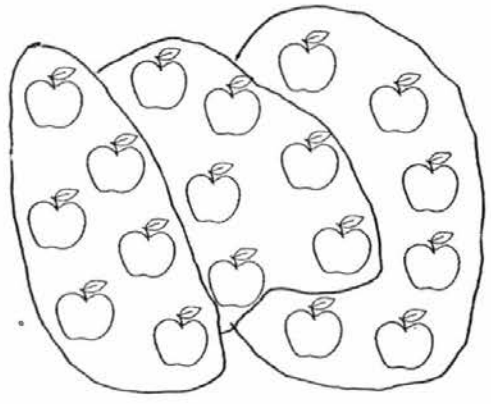
SCHOOL : HENRY PARK PRIMARY SCHOOL

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

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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.

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