Anglo-Chinese School
(Primary)

A Methodist Institution
(Founded 1886)

2018 SEMESTRAL ASSESSMENT 2
MATHEMATICS
PRIMARY TWO

Name: _____( ) **Class: Primary 2**

Date: 24 October 2018 **Duration of paper: 1 hour 30 minutes**

_____

Parent's/Guardian's signature

INSTRUCTIONS TO CANDIDATES

1. This question paper consists of **21** printed pages, including the cover page.
2. Do not turn this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.

A. Multiple-Choice Questions	**10**	
B. Short Answers	**26**	
C. Problem Sums	**14**	
Total Marks	**50**	

Section A: Multiple Choice Questions (10 Questions x 1 mark)

For each question, four options are given. One of them is the correct answer. Choose the correct answer and write 1, 2, 3 or 4 in the given brackets. All diagrams are not drawn to scale unless otherwise stated.

1. 7 hundreds + 6 ones = _____

(1) 13
(2) 76
(3) 706
(4) 760 ( )

2. Subtract 345 from 582.

(1) 137
(2) 143
(3) 237
(4) 243 ( )

3. Which of the following numbers is the greatest?

A
465

B
456

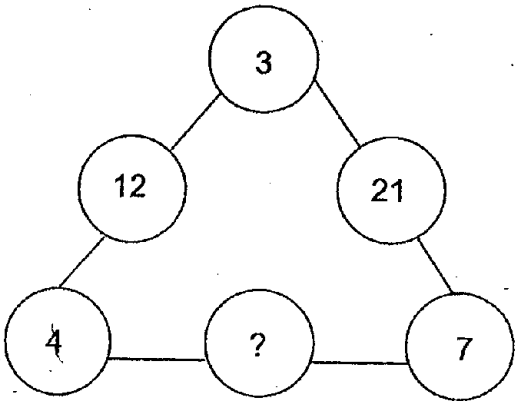
C
460

D
406

(1) A
(2) B
(3) C
(4) D

( )

4. Look at the diagram below.

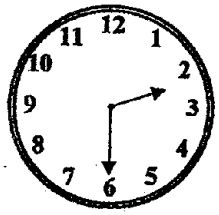
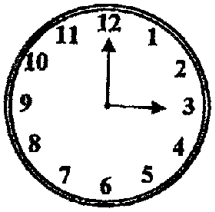
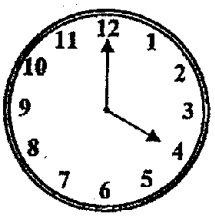
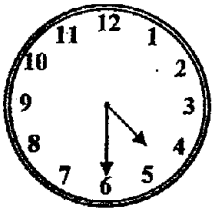


The missing number is _____.

(1) 47
(2) 28
(3) 3
(4) 11

( )

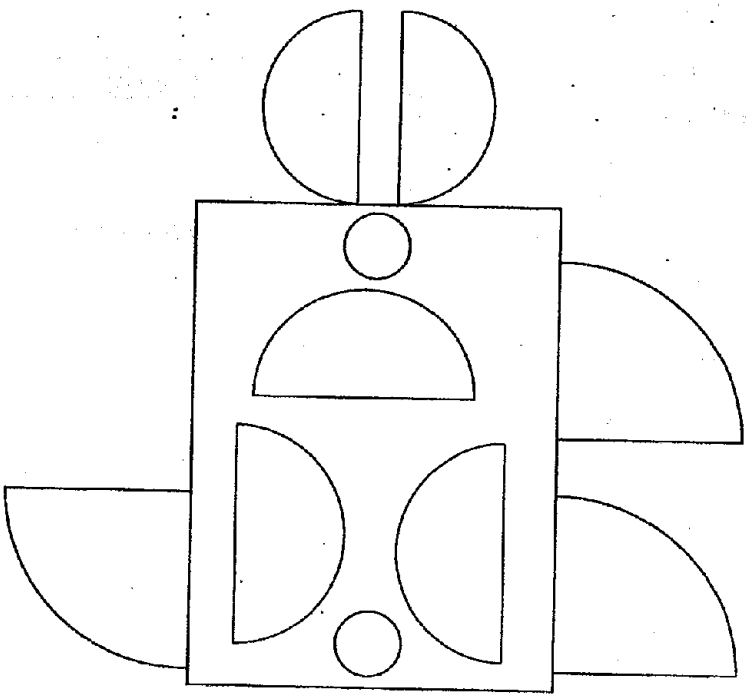
5. Mr Tan conducted the following activities at a community club from 2.30 p.m. to 4.30 p.m.
Name the activity that is 1 hour long.

Time	Activity
	Treasure Hunt
	Dance
	Let's Draw
	Spelling Bee

(1) Dance
(2) Let's Draw
(3) Spelling Bee
(4) Treasure Hunt

( )

6. Look at the figure shown below.



The figure is made up of _____ quarter circles.

(1) 10

(2) 2

(3) 3

(4) 5

( )

7. There were some coins in a bag.
The children took turns to pick up the coins.
Jane picked up five 20¢ coins.
Raja picked up five 5¢ coins.
Jim picked up three 50¢ coins.

What was the total amount of money that the three children picked up?

(1) $1.95
(2) $2.00
(3) $2.75
(4) $2.80 ( )

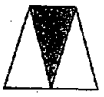
8. Add $\frac{3}{6}$ and $\frac{2}{6}$.

(1) $\frac{5}{6}$
(2) $\frac{6}{6}$
(3) $\frac{6}{12}$
(4) $\frac{5}{12}$ ( )

9. Look at the pattern below carefully. Which shape comes next?

?

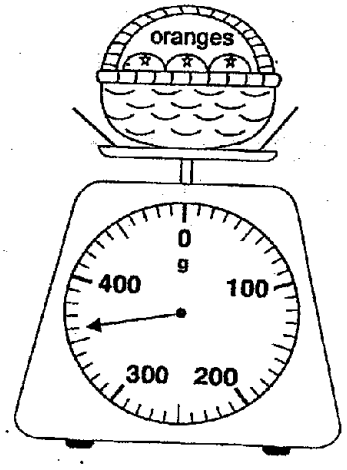
(1)

(2) 

(3)

(4) ( )

10. The picture below shows the mass of a basket of oranges.
The mass of the empty basket is 210 g.
The mass of the oranges is _____ g.



(1) 150
(2) 350
(3) 360
(4) 570

( )

Section B: Short Answers (10 Questions x 1 mark)

Write your answers in the spaces provided. Give your answers in the units stated.
All diagrams are not drawn to scale unless otherwise stated.

11. I am a 3-digit number.
The hundreds digit and tens digit add up to 11.
The ones digit is 2 less than the tens digit.
The hundreds digit is 3.
What number am I?

Answer: _____

12. Study the number pattern below.

What is the missing number in the box?

310	307	305	302	300	?	295

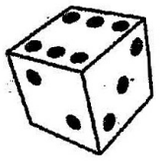
Answer: _____

13. Fill in the missing number.

5 tens 10 ones = ?

Answer: _____

14. Look at the object below.
It has _____ flat faces.

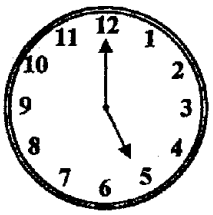


Answer: _____

15. Alice is thinking of a number.
The number can be divided exactly by 3 and 4.
The number is between 15 and 28.
What is the number?

Answer: _____

16. Julie's dance class starts at 4.30 p.m. When she reached the class, the clock in the classroom shows the time as below.
How many minutes late was Julie?

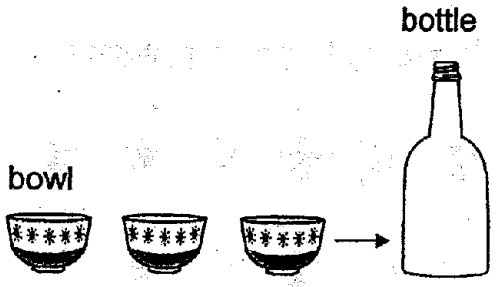


Answer: _____ minutes

17. There are 4 boys.
Zac is heavier than Andy but lighter than Roy.
Andy is heavier than Tim.
Who is the heaviest?

Answer: _____

18. Study the picture below.



3 bowls of water were needed to fill up an empty bottle completely. How many bowls will be needed to fill 9 empty bottles with water completely?

Answer:_____ bowls

Study the graph carefully and answer questions 19 and 20.
The graph below shows the number of stamps that four children have.

Number of stamps collected

Boris	
Cindy	
Derek	
Elsa	
Each stands for 4 stamps	

19. How many stamps did Cindy and Elsa collect altogether?

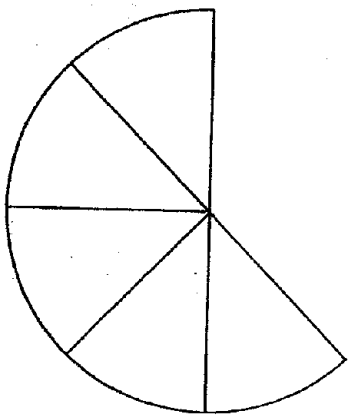
Answer: _____

20. How many more stamps did Derek have to collect so that he will have the same number of stamps as Boris?

Answer: _____

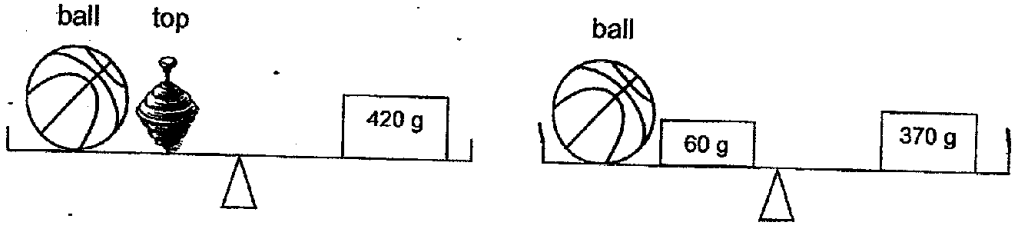
Section B: Short Answers (8 Questions x 2 marks)
Show all workings and mathematical equations clearly in the space below each question. Give your answers in the units stated.
All diagrams are not drawn to scale unless otherwise stated.

21. Look at the diagram below.
What fraction must be added to make the diagram as 1 whole?



Answer: _____

22. Look at the picture below.



What is the mass of the top?

Answer: _____ g

23. Jones goes to a bookshop to buy some pencils.
For every 3 packets of pencils that he buys, he will get a free eraser.
Jones buys 6 packets of pencils.
How many erasers will he get?

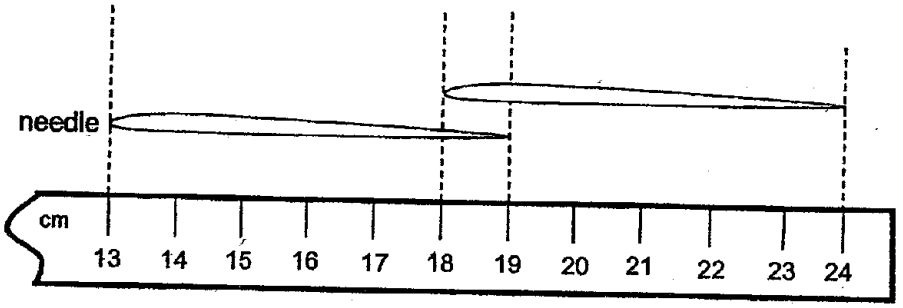
Answer: _____

24. Siti bought a packet of stickers for 40 cents and a ruler for 30 cents at the bookshop.
The picture below shows the amount of money left in her purse after buying the stickers and ruler.

How much money did she have at first?

Answer: $_____

25. Look at the picture below.
The total length of the two similar needles is _____ cm.



Answer: _____ cm

26. A car can carry only 5 passengers.
23 men are on the way to the airport by car.
How many cars do they need to get to the airport?
(Hint: Make a table)

No. of cars							
No. of passengers							

Answer: _____

27. In June, 423 people attended a concert.
85 more people attended the concert in June than May.
How many people attended the concert in May?

Answer: _____

28. Jill bought 7 packets of milk.
There was 2 ℓ of milk in each packet.
She used 6 ℓ of milk for baking.
How many litres of milk did she have left?

Answer: _____ ℓ

Section C: Problem Sums (14 marks)

For questions 29 to 32, show your workings and mathematical equations clearly in the space provided for each question. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

29. Mrs Lim baked 245 chocolate cupcakes.
She baked 68 fewer raisins cupcakes.
How many cupcakes did she bake altogether? [3 marks]

Workings

She baked _____ cupcakes altogether.

30. There were 348 red pebbles, blue pebbles and yellow pebbles in a bag.
There were 135 red pebbles and 186 yellow pebbles.
How many blue pebbles were there in the bag? [3 marks]

Workings

There were _____ blue pebbles in the bag.

31. Ruth had 32 badges and some marbles.
She gave away all the badges to her friends.

(a) Each of her friend received 4 badges.
How many friends did she give the badges to? [2 marks]

Workings

_____ of Ruth's friends received the badges.

(b) Ruth gave 98 marbles to her brother and had 267 marbles left.
How many marbles did Ruth have at first?
[2 marks]

Ruth had _____ marbles at first.

32. Aini went to a funfair.
Chicken wings were sold at 2 for $1 at the funfair.
Aini paid $10 for some chicken wings.

(a) How many chicken wings did she buy?
[2 marks]

Workings

She bought _____ chicken wings.

(b) A tub of ice-cream costs $5.
Aini spent $40 on some tubs of ice-cream.
How many tubs of ice-cream did she buy?
[2 marks]

She bought _____ tubs of ice-cream.

End-of-Paper

ANSWER KEY

YEAR	:	2018
LEVEL	:	PRIMARY 2
SCHOOL	:	ANGLO-CHINESE PRIMARY
SUBJECT	:	MATHEMATICS

SEMESTRAL ASSESSMENT 2

Section A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	3	1	2	1	3	3	1	2	1

Section B

11) 386

12) 297

13) 60

14) 6

15) 24

16) 30 minutes

17) Roy

18) 27 bowls

19) 36

20) 20

21) $\frac{3}{8}$

22) 110 g

23) **2**

24) **41**

25) **12 cm**

26) **5**

27) **338**

28) **8 ℓ**

Section C

29) **245 – 68 = 177**
245 + 177 = 422
She baked 422 cupcakes altogether.

30) **135 + 186 = 321**
348 + 321 = 27
There were 27 blue pebbles in the bag.

31) **(a)** **32 ÷ 4 = 8**
8 of Ruth's friends received the badges.

(b) **267 + 98 = 365**
Ruth had 365 marbles at first.

32) **(a)** **10 x 2 = 20**
She bought 20 chicken wings.

(b) **40 ÷ 5 = 8**
She bought 8 tubs of ice-cream.

End