

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	

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

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

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

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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

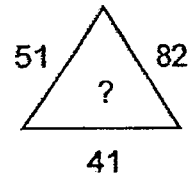
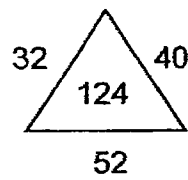
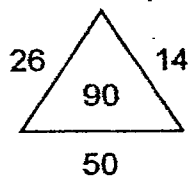
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4. $400 + \text{ } + 6 = 416$
What is the missing number in the box?

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

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



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

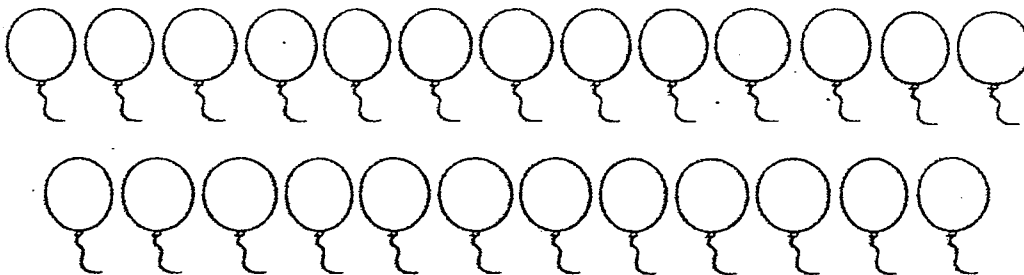
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6. What is the value of 8 groups of 4?

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

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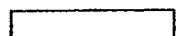
7. All the balloons below are shared equally among 5 boys.



How many balloons will each boy get?

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

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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

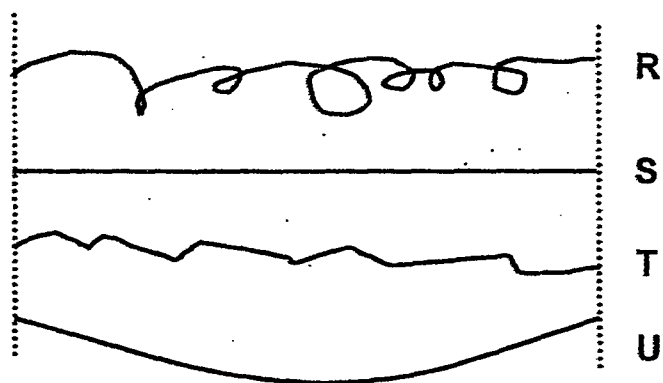
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9. Granny bakes 8 cakes and puts 5 cherries on each cake. How many cherries does Granny use altogether?

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

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



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

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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



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

- (1)



- (2)



- (3)

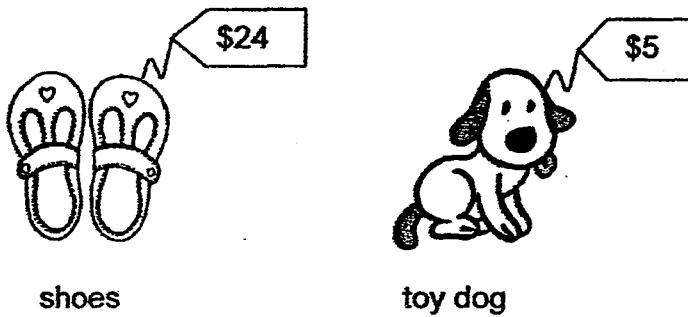


- (4)



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

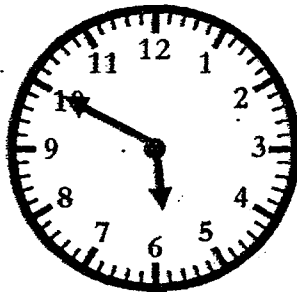


Which of the following is not enough for her to pay for the pair of shoes and the toy dog?

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

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



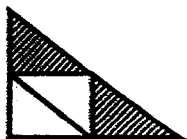
- (1) 5.50
- (2) 6.10
- (3) 6.50
- (4) 10.30

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

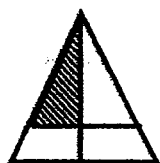
(1)



(2)



(3)



(4)



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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

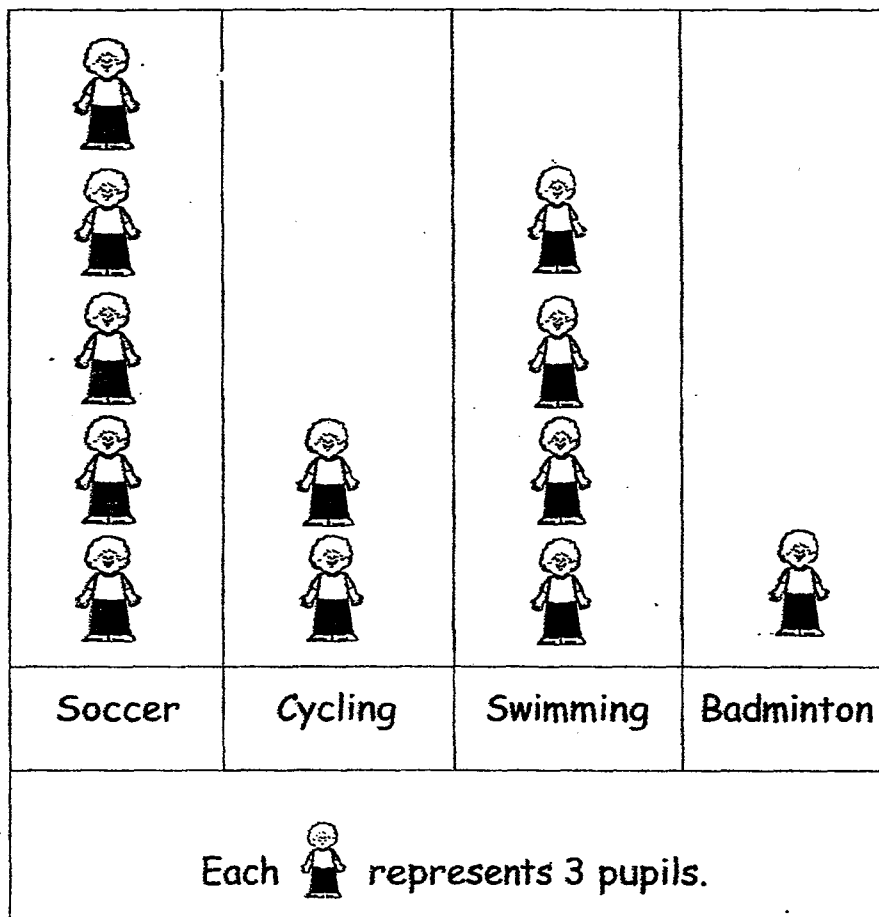
(3) 62

(4) 128

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Study the graph and answer Question 17.

The picture graph below shows the favourite sports of pupils in Class 2B.



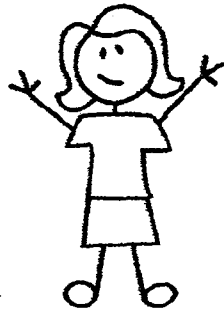
17. How many more pupils like soccer than badminton?

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

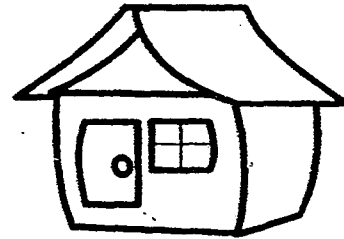
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18. Amelia drew a picture using only curved lines. Which picture did she draw?

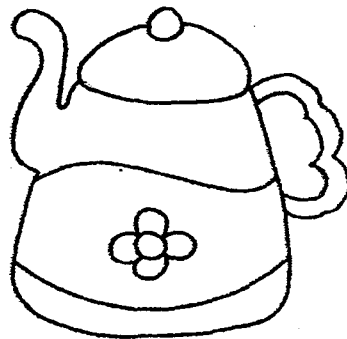
(1)



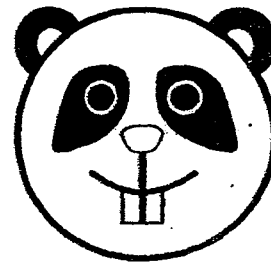
(2)



(3)



(4)



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19. $3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 =$  $\times 3$

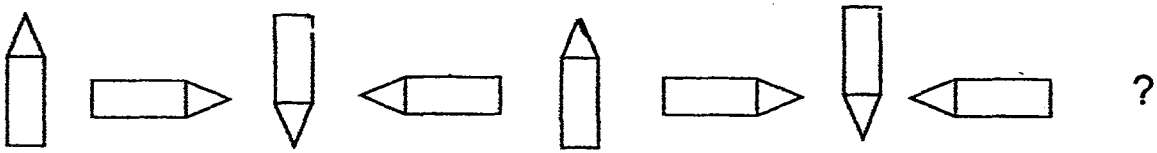
$90 \div$  $=$  $+$ 

What is the value of  ?

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

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20. Study the pattern below. What comes next?



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

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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 _____

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?

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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?

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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?

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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?

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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.

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

(a)

(b) Nine hundred and eight

(b)

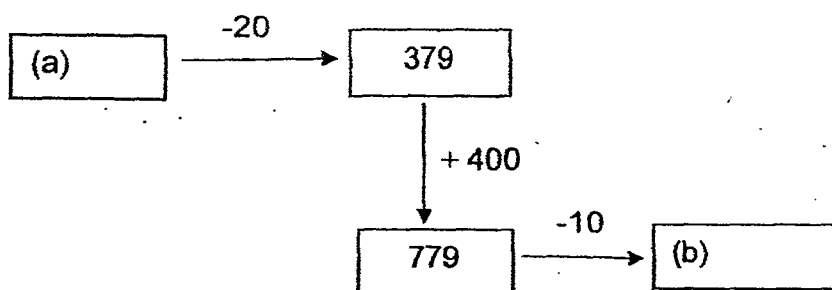
2. What is the smallest **3-digit even** number that can be formed using the digits shown below? (Do not begin with digit 0.)

6

3

0

3. Fill in the boxes with the missing number.



(a)

(b)

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

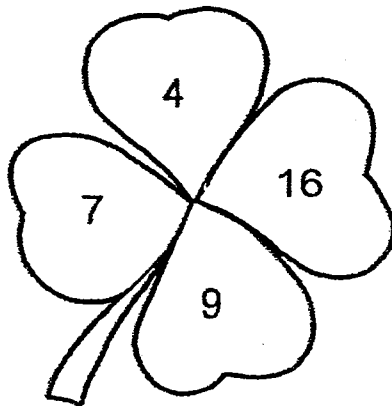
5. What is the missing digit in the box below?

$$\begin{array}{r} 4 \square 4 \\ + 367 \\ \hline 861 \end{array}$$

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 $4 \times \square$. What is the missing number in the box?

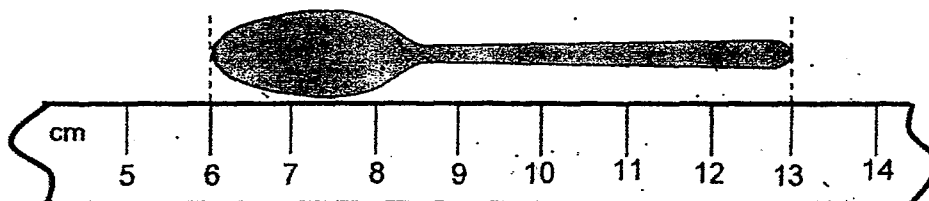


8. Cindy made 30 bracelets altogether. She made 3 bracelets each day.
How many days did she take to make all the bracelets?

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

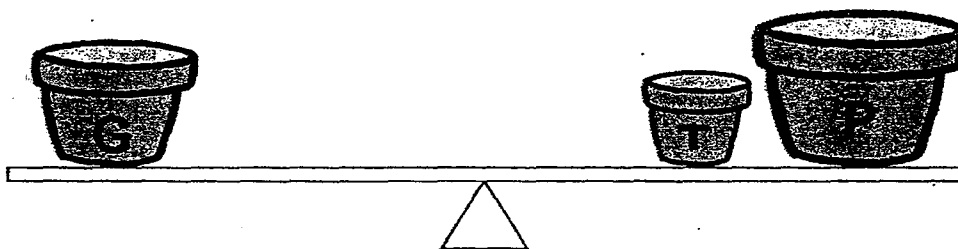
11. $\frac{5}{12}$ and make 1 whole.

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

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

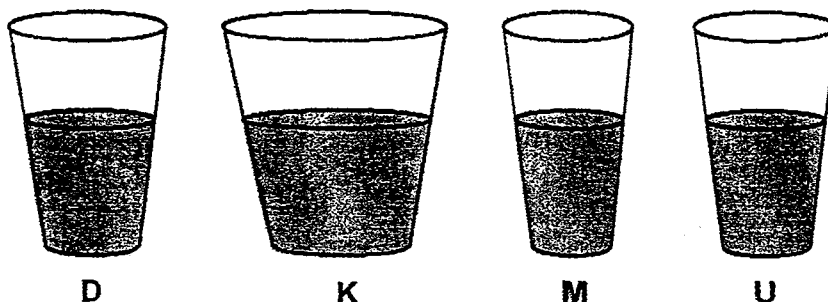
\$693.25	\$329.65	\$639.25	\$369.25
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\$	\$	\$	\$
smallest			

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?

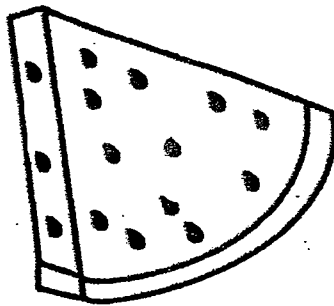


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17. Mrs Singh gave away some three-litre bottles of detergent. She gave away a total of 12 litres of detergent. How many three-litre bottles of detergent did she give away?

18. Look at the picture below.



How many flat faces does the slice of watermelon have?

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

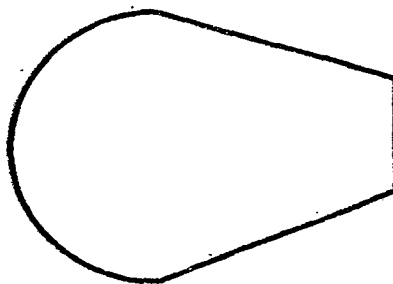
Our Favourite Colours

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

ANSWER KEY

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

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	$\begin{array}{r} 3 \\ \times 2 \end{array}$	$\begin{array}{r} 6 \\ \times 3 \end{array}$	$\begin{array}{r} 7 \\ \times 4 \end{array}$	$\begin{array}{r} 10 \\ \times 5 \end{array}$
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 $220 \text{ g} - 70 \text{ g} \Rightarrow \underline{150 \text{ g}}$

Q14

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

Q15

$\xrightarrow{1 \text{ hour}}$
 $11:30am \mid 12:30pm$

Answer $\Rightarrow$ 12:30 pm

Q16

Container M

Q17

$12 \div 3 \Rightarrow$ 4 bottles

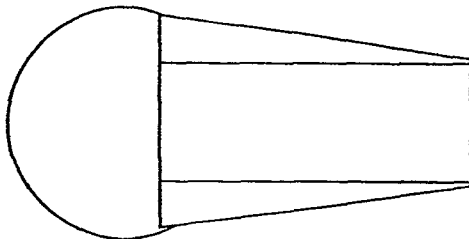
Q18

4 flat faces

Q19

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

Q20



End

