

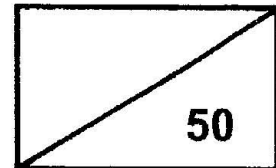
**PEI CHUN PUBLIC SCHOOL**  
**SEMESTRAL ASSESSMENT, 2018**

**MATHEMATICS**  
**PRIMARY 2**

**Time : 1 h 30 min**

Name : \_\_\_\_\_ (     )

Marks:



Class : Primary 2 / \_\_\_\_\_

Date : 29 October 2018

Maths Teacher: \_\_\_\_\_

Parent's Signature: \_\_\_\_\_

**INSTRUCTIONS TO CANDIDATES**

DO NOT TURN OVER THIS PAGE UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

SHOW YOUR WORKING CLEARLY AS MARKS ARE AWARDED FOR CORRECT WORKING.



**Section A ( 8 × 1 marks )**

For each question, choose the correct answer and write its number in the brackets provided. (8 marks)

---

1. What is the value of the digit 3 in 736?

(1) 300

(2) 30

(3) 3

(4) 730

( )

2. Look at the number pattern below.

810, 800,  780, 770, 760

What is the missing number in the box?

(1) 700

(2) 710

(3) 750

(4) 790

( )

3. Which of the following numbers has the greatest value for the digit 6?

(1) 306

(2) 463

(3) 916

(4) 610

( )

4. 3 fives is the same as \_\_\_\_\_.

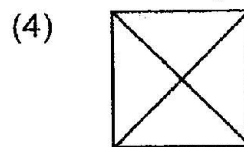
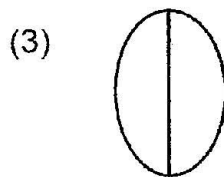
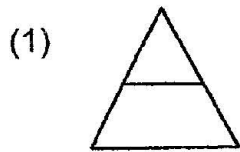
(1)  $3 + 5$

(2)  $3 + 3 + 3$

(3)  $5 + 5 + 5$

(4)  $5 + 5 + 5 + 5 + 5$  ( )

5. Which of the following shapes does **not** show equal parts?



( )

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



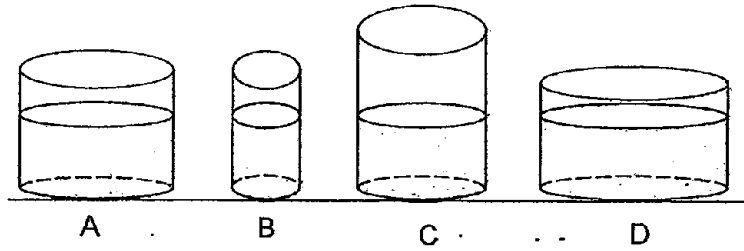
(1) \$52.15

(2) \$52.51

(3) \$53.50

(4) \$53.51 ( )

7. The containers below are filled with water of the same height. Which container has the least volume of water?



(1) A

(2) B

(3) C

(4) D

( )

8. What is the missing solid in the pattern?



(1) 

(2) 

(3) 

(4) 

( )

### Section B

Questions 9 to 16 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. ( 8 marks )

---

9. Write three hundred and eight in numeral.

Answer: \_\_\_\_\_

10. Use the given numbers to write a multiplication equation in the boxes below.

|                                                                                                                                                                           |   |                                                                                                                                                                            |   |                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div style="border: 1px solid black; border-radius: 50%; width: 60px; height: 60px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">9</div> |   | <div style="border: 1px solid black; border-radius: 50%; width: 60px; height: 60px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">45</div> |   | <div style="border: 1px solid black; border-radius: 50%; width: 60px; height: 60px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">5</div> |
| <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>                                                                                   | x | <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>                                                                                    | = | <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>                                                                                   |

11. Write a division equation for the picture shown below.

|                                                                                                                                                                                                                                                              |   |                                                                                                                                                                                                                                                              |   |                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 60px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"></div> |   | <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 60px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"></div> |   | <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 60px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"></div> |  | <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 60px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"></div> |
| <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>                                                                                                                                                                      | ÷ | <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>                                                                                                                                                                      | = | <div style="border: 1px solid black; width: 60px; height: 60px; margin: 0 auto;"></div>                                                                                                                                                                       |  |                                                                                                                                                                                                                                                                |

12. Use the 3 digits below to form the largest odd number.

|                                                                                                                                                       |                                                                                                                                                       |                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div style="border: 1px solid black; width: 60px; height: 60px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">2</div> | <div style="border: 1px solid black; width: 60px; height: 60px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">5</div> | <div style="border: 1px solid black; width: 60px; height: 60px; display: flex; align-items: center; justify-content: center; margin: 0 auto;">6</div> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

Answer: \_\_\_\_\_

13. Arrange the fractions from the smallest to the greatest.

$$\frac{1}{7}, \quad \frac{1}{6}, \quad \frac{1}{10}$$

,

,

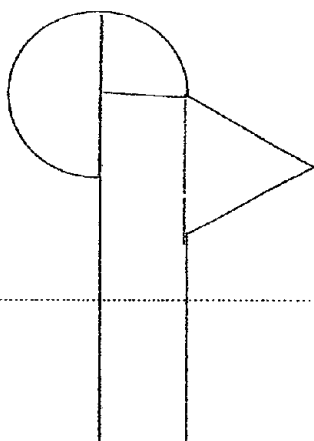
14.

$$\boxed{\phantom{00}} + \frac{2}{12} = \frac{9}{12}$$

15.

$$\frac{9}{11} - \frac{3}{11} = \boxed{\phantom{00}}$$

16. The figure below is made up of 4 shapes. Tick (✓) the correct shapes that make the figure.



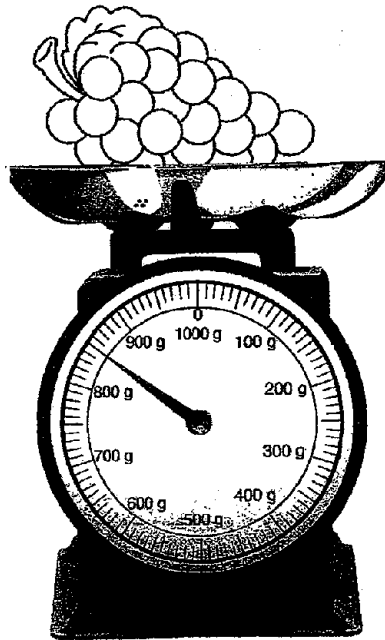
|                |                          |
|----------------|--------------------------|
| triangle       | <input type="checkbox"/> |
| circle         | <input type="checkbox"/> |
| semicircle     | <input type="checkbox"/> |
| quarter circle | <input type="checkbox"/> |
| rectangle      | <input type="checkbox"/> |

Questions 17 to 26 carry 2 marks each. Show your working clearly in the space below each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. ( 20 marks )

---

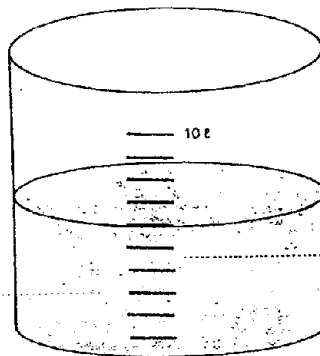
17. Study the diagram carefully and answer the questions.

(a)



The mass of the bunch of grapes is \_\_\_\_\_ g.

(b)



The volume of water is \_\_\_\_\_ l.



18. Find the value of

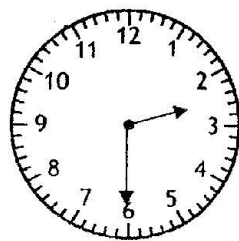
(a)  $3 \times 10$

(b)  $5 \div 5$

Answer: (a) \_\_\_\_\_

(b) \_\_\_\_\_

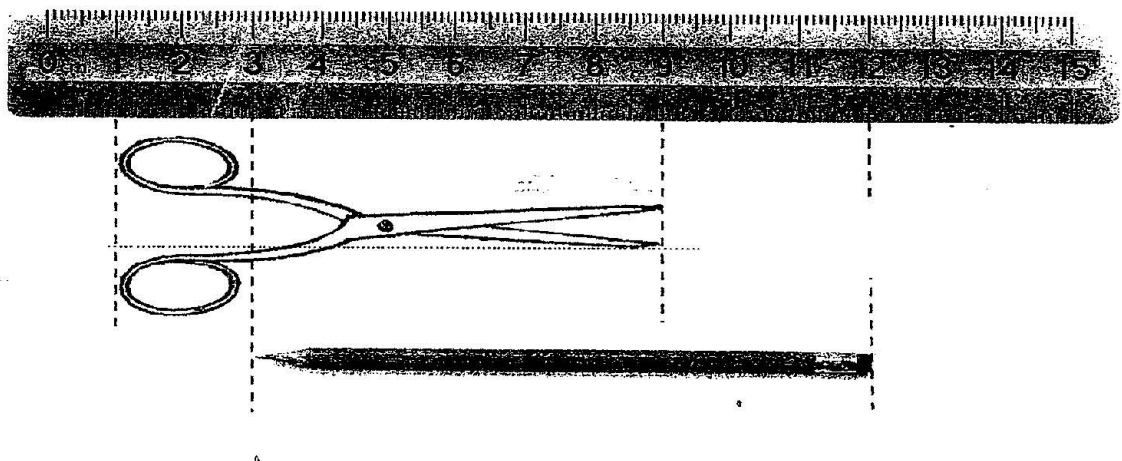
19. Mandy left her house and went to the zoo in the afternoon. She took 30 minutes to reach the zoo. The clock shows the time she arrived at the zoo.



What time did Mandy leave her house?  
(Give your answer in a.m. or p.m.)

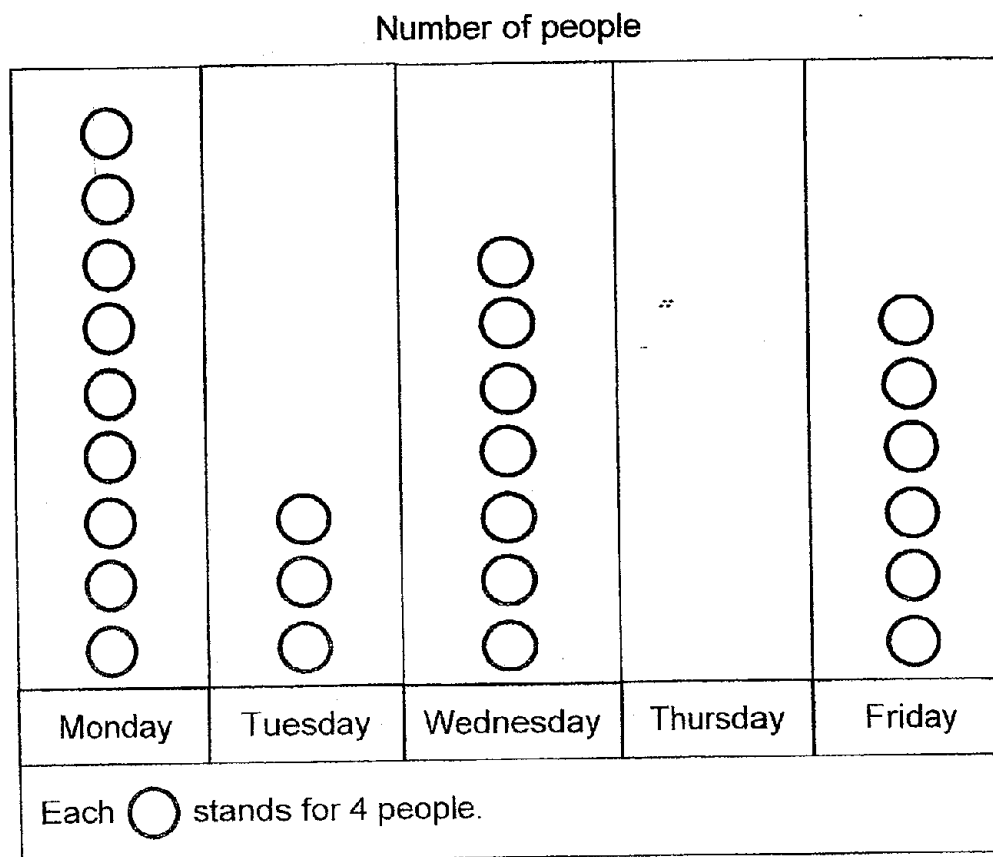
Answer: \_\_\_\_\_

20. Study the diagram carefully and fill in the blank.



The total length of the scissors and pencil is \_\_\_\_\_ cm.

The picture graph shows the number of people at a clinic from Monday to Friday. The number of people has not been drawn for Thursday. Study the graph and answer Question 21 and 22.



21. (a) There are \_\_\_\_\_ people at the clinic on Monday.

(b) There are \_\_\_\_\_ more people at the clinic on Wednesday than on Tuesday.

22. There are 4 fewer people on Thursday than on Friday. Draw  in the graph to show the number of people at the clinic on Thursday.

23. The table below shows the number of visitors to the zoo from Monday to Wednesday.

| Day       | Number of visitors |
|-----------|--------------------|
| Monday    | 357                |
| Tuesday   | 277                |
| Wednesday | 190                |

There was a total of 467 visitors on two days. Which were the two days?

Answer: \_\_\_\_\_ and \_\_\_\_\_

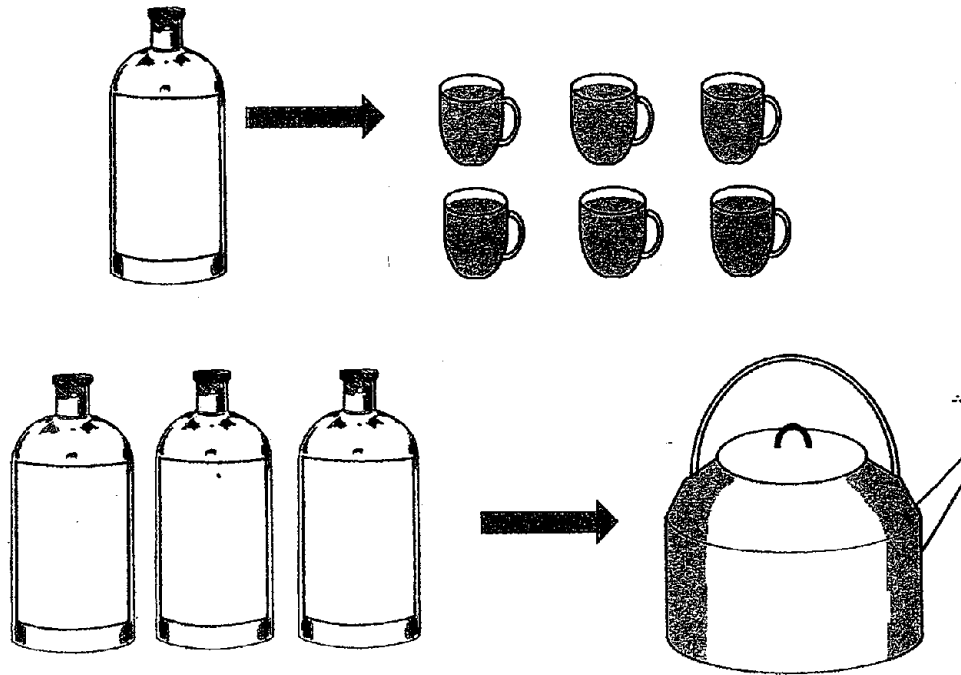
24. Peter saves the same amount of money each day. He saves \$18 in 2 days. How much money does Peter save each day?

Answer: \$ \_\_\_\_\_

25. Arissa made some strawberry tarts. Each tart had 3 strawberries. Arissa used 21 strawberries. How many tarts did she make?

Answer: \_\_\_\_\_

26. Study the diagram below and answer the question.



How many cups can the kettle fill?

Answer: \_\_\_\_\_

**Section C**

For questions 27 to 30, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

(14 marks)

---

27. There are 400 English and Chinese books in a bookshop.

There are 158 English books.

(a) How many Chinese books are there? [1]

There are \_\_\_\_\_ Chinese books.

(b) How many more Chinese books than English books are there? [2]

There are \_\_\_\_\_ more Chinese books than English books.

28. Mrs Tan bought 3 melons. The price of each melon was the same.  
The 3 melons cost \$24 altogether.

(a) How much did each melon cost? [2]

Each melon cost \$ \_\_\_\_\_.

(b) Mrs Tan received a change of \$26 after paying for the 3  
melons. How much money did she give the seller? [2]

Mrs Tan gave \$ \_\_\_\_\_.

29. Ken has 70 marbles. He packs all the marbles equally into bags of 10.

(a) How many bags of marbles will he get? [2]

He will get \_\_\_\_\_ bags of marbles.

(b) Ken buys another 142 marbles. How many marbles does Ken have now? [2]

Ken has \_\_\_\_\_ marbles now.

30. Anisha has 102 beads. She needs 48 beads to make a bracelet and 96 beads to make a necklace.

How many more beads does she need to make a bracelet and a necklace? [3]

Anisha needs \_\_\_\_\_ more beads.

---

**End of Paper**

Set by : Miss Delphine Chng and Mrs Fang Jia Qi



# ANSWER KEY

YEAR : 2018  
LEVEL : PRIMARY 2  
SCHOOL : PEI CHUN PUBLIC SCHOOL  
SUBJECT : MATHEMATICS  
TERM : SA2

| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 |
|----|----|----|----|----|----|----|----|
| 2  | 4  | 4  | 3  | 1  | 3  | 2  | 4  |

Q9) 308

Q10)  $9 \times 5 = 45$

Q11)  $8 \div 4 = 2$

Q12) 625

Q13)  $\frac{1}{10}, \frac{1}{7}, \frac{1}{6}$

Q14)  $\frac{7}{12}$

Q15)  $\frac{6}{11}$

Q16)

|                |   |
|----------------|---|
| triangle       | ✓ |
| semicircle     | ✓ |
| quarter circle | ✓ |
| rectangle      | ✓ |

Q17 a) 850g  
b) 6 l

Q18 a) 30  
b) 1

Q19) 2.00 p.m.

Q20) 17 cm

Q21 a) 36  
b) 16

Q22)

|                       |
|-----------------------|
| <input type="radio"/> |
| <input type="radio"/> |
| <input type="radio"/> |
| <input type="radio"/> |
| <input type="radio"/> |
| Thursday              |

Q23) Tuesday and Wednesday

Q24) \$9

Q25) 7

Q26) 18



**SECTION C**

**Q27) a) ( 242 )**

$$400 - 158 = 242$$

**b) ( 84 )**

$$242 - 158 = 84$$

**Q28) a) ( \$8 )**

$$24 \div 3 = 8$$

**b) (\$50)**

$$26 + 24 = 50$$

**Q29 a) ( 7 )**

$$70 \div 10 = 7$$

**b) ( 212 )**

$$70 + 142 = 212$$

**Q30) ( 42 )**

$$48 + 96 = 144$$

$$144 - 102 = 42$$

**THE END**