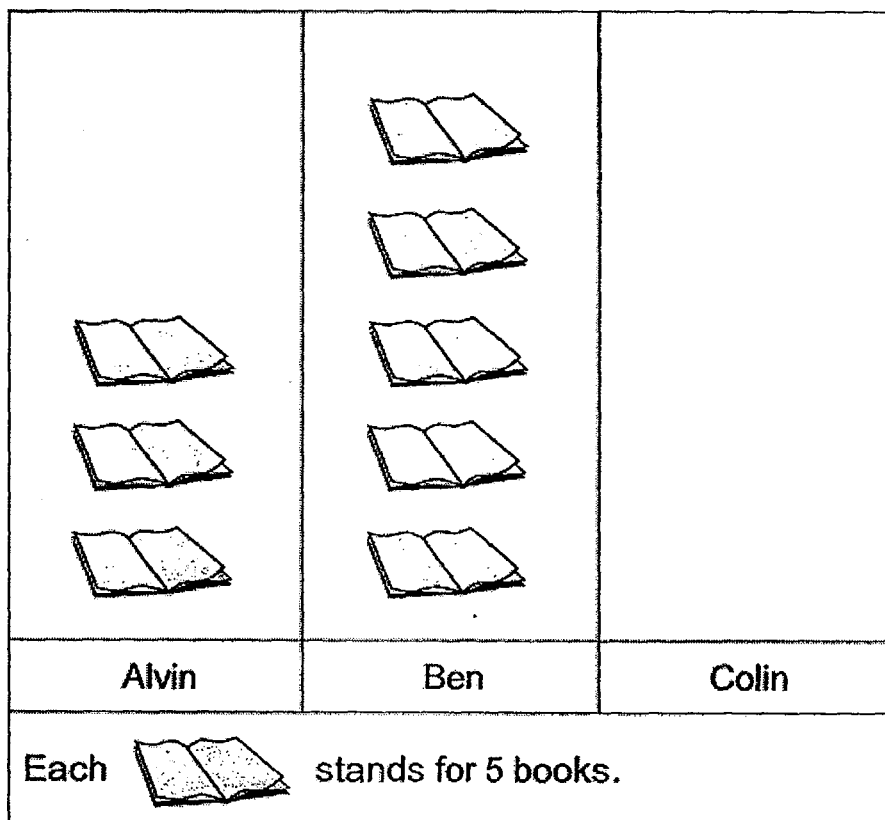


1. In 9764, the digit 7 is in the \_\_\_\_\_ place.
- (1) ones                      (2) tens
- (3) hundreds                (4) thousands                ( )
2. Express 1605 cents in dollars and cents.
- (1) \$16.50                      (2) \$16.05
- (3) \$160.50                      (4) \$1.65                      ( )



6. The graph below shows the number of books read by Alvin and Ben last month.



Colin read three times as many books as Alvin last month.  
How many books did the 3 boys read altogether last month?

(1) 15

(2) 45

(3) 70

(4) 85

( )

## **Section B**

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in this space

Questions 7 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.

(10 marks)

7. Arrange the numbers in order, beginning with the smallest.

9867, 8976, 8796

\_\_\_\_\_  
(smallest)

8. What is the difference between 3797 and 789?

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

9. What is the product of 245 and 6?

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

Do not write  
in this space

10. Find the remainder when 459 is divided by 7.

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

11. Matthew bought an umbrella for \$18.95 and a school bag for \$22.40. How much did he pay for the two items?

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

12. What is the missing number in the box below?

$$\$1.55 + \$ \boxed{?} = \$10$$

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

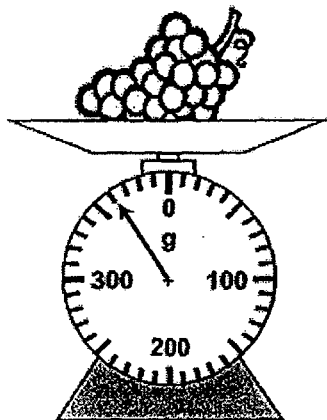
13. What is the missing number in the box below?

$$7 + 7 + 7 + 7 + 7 = \boxed{?} \times 7$$

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

14. The picture below shows the mass of a bunch of grapes on the weighing scale. What is the mass of the grapes?

Do not write  
in this space



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

15. Which fraction is the smallest?

$$\frac{8}{9}, \frac{5}{9}, \frac{7}{9}$$

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

16. Find the value of  $\frac{2}{7} + \frac{3}{7}$ .

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

Questions 17 to 28 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. (24 marks)

17. What is the missing number in the box below?

$$7000 - 6960 = \boxed{\phantom{00}} \text{ tens}$$

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

18. After spending \$22.75 on her books, Lindy had \$57.85 left. How much did she have at first?

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

19. There are 3875 adults at a zoo. There are 1956 fewer children than adults at the zoo. How many children are there at the zoo?

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

20. What is the missing number in the box?

$$84 \times 8 = \boxed{?} \times 3$$

Do not write  
in this space

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

- 
21. Su Ming packed 342 apples equally into some boxes. She put 9 apples into each box. How many boxes did she use?

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

- 
22. Daniel baked 765 chicken pies and 924 tuna pies. He sold some pies and had 459 pies left. How many pies did he sell?

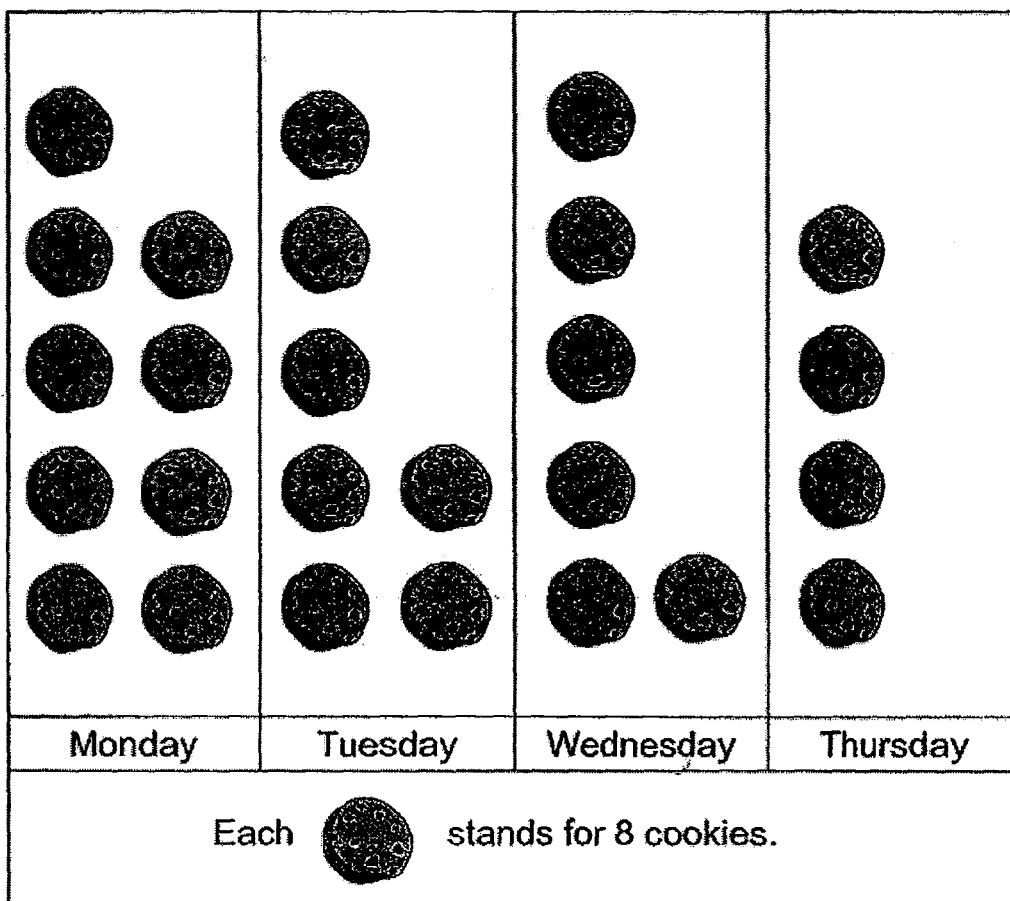
Answer : \_\_\_\_\_

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23. The graph below shows the number of cookies sold by John over 4 days.

Do not write  
in this space



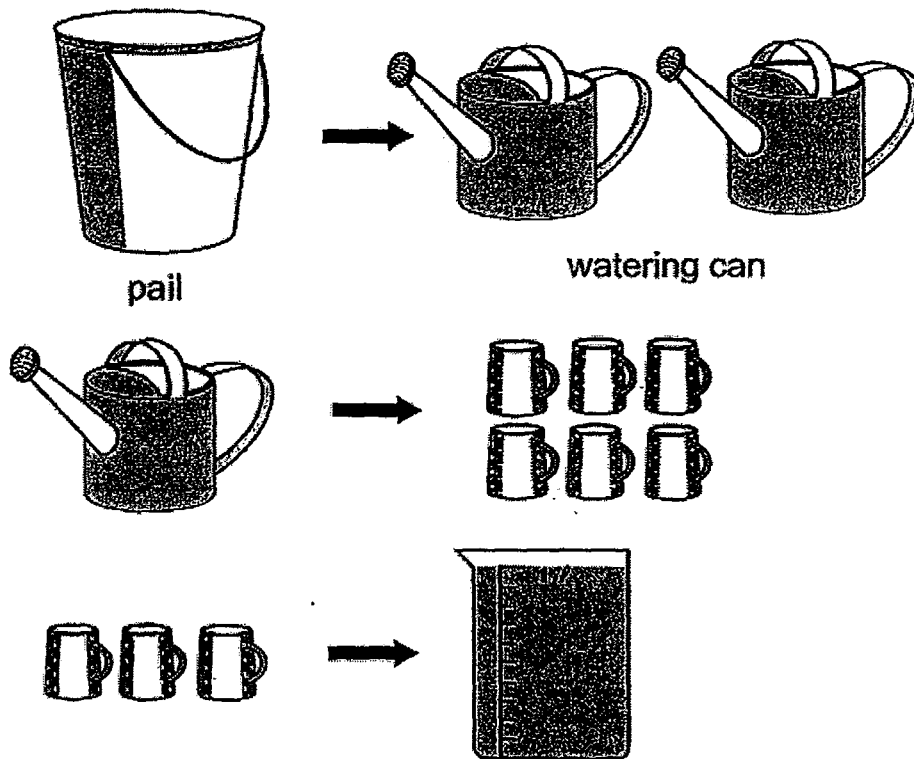
John collected \$2 from each cookie sold.  
How much did he collect over the 4 days?

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

SCORE

24. Study the diagrams below.

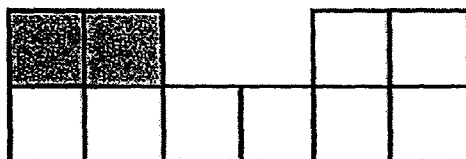
Do not write  
in this space



How many litres of water are needed to fill an empty pail completely?

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

25. The figure is made up of 10 identical squares. How many more squares should be shaded so that  $\frac{7}{10}$  of the figure is shaded?



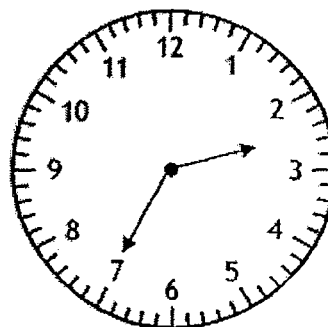
Answer : \_\_\_\_\_

Do not write  
in this space

26. Mrs Tong is 5 times as old as Kaylee. Their total age is 54 years old. How old is Mrs Tong?

Answer : \_\_\_\_\_ years old

27. The clock below showed the time when Wendy started doing her homework. She took 1 h 30 min to complete her homework. What time did she complete her homework?



Answer : \_\_\_\_\_ p.m.

28. Mrs Ramli bought a roll of ribbon 824 cm long. She cut it into an equal number of 3-cm and 5-cm strips. How many 3-cm strips did she get?

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

### Section C

Do not write  
in this space

For questions 29 to 32, 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)

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29. Mr Ahmad bought some sweets for a party. He packed the sweets into 80 bags of 8 sweets each and had 5 sweets left. How many sweets did Mr Ahmad buy?

Answer : \_\_\_\_\_ [3]

30. There are 634 people in Train A. There are twice as many people in Train B as in Train A. There are half as many people in Train C as in Train A.

Do not write  
in this space

(a) How many people are there in Train B?

(b) How many people are there in the 3 trains altogether?

Answer : (a) \_\_\_\_\_ [2]

(b) \_\_\_\_\_ [2]

31. Rani has \$456. Brenda has \$528. How much money must Brenda give to Rani so that both of them will have the same amount of money?

Do not write  
in this space

Answer : \_\_\_\_\_ [3]

Do not write  
in this space

32. Wei Hua has 6 marbles fewer than Aisha but 14 marbles more than Raj. The three children have 145 marbles altogether.

- (a) How many marbles does Raj have?
- (b) How many marbles does Aisha have?

Answer : (a) \_\_\_\_\_ [2]

(b) \_\_\_\_\_ [2]

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**End of Paper**

Set by : Mdm Bu Shin Yunn, Mr Gabriel Teo and Mrs Foo Ee Ling







# ANSWER SHEET

EXAM PAPER 2016 (P3)

SCHOOL : PEI CHUN

SUBJECT : MATHEMATICS

TERM : SA1

Q1	Q2	Q3	Q4	Q5	Q6
3	2	1	2	1	4

7)8796, 8976, 9867      8)3008      9)1470      10)4      11)\$41.35

12)\$8.45      13)5      14)360g      15)5/9      16)5/7      17)4

18)\$80.60      19)1919      20)224      21)38      22)1230

23)\$416      24)4 L      25)5      26)4      27)4.05 p.m.

28) $3 + 5 = 8$

$$824 \div 8 = 103$$

29)Number of sweets  $\rightarrow 80 \times 8 + 5 = 645$

30)a)Train C  $\rightarrow 634 \div 2 = 317$

$$\text{Train R} \rightarrow 4 \times 317 = 1268$$

b)Altogether  $\rightarrow 7 \times 317 = 2219$

**31)total money→\$528 + \$456 = \$984**

**1 unit→\$984 ÷ 2 = \$492**

**Give→\$492 – \$456 = \$36**

**32)a)3unit→145 – 14 – 14 – 6 = 111**

**Raj→111 ÷ 3 = 37**

**b)Aisha→37 + 14 + 6 = 57**