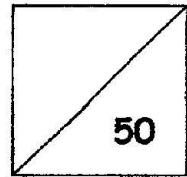




HENRY PARK PRIMARY SCHOOL
2018 SEMESTRAL EXAMINATION 2
MATHEMATICS
PRIMARY 2



Name: _____ ()

Parent's Signature: _____

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. What is the value of the digit 6 in 657?

(1) 6

(2) 60

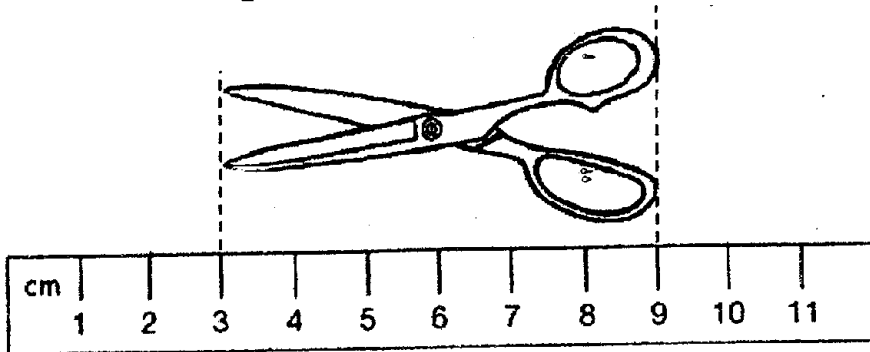
(3) 100

(4) 600

()



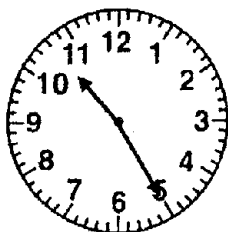
2. What is the length of the pair of scissors as shown below?



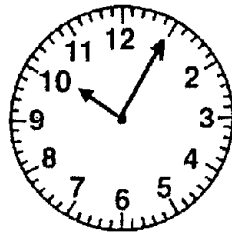
- (1) 6 cm
- (2) 9 cm
- (3) 3 cm
- (4) 12 cm

()

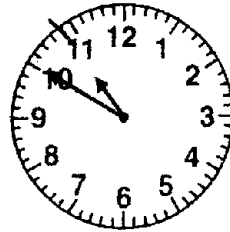
3. Mina goes to bed every night at 10.05 p.m.
Which one of the clocks below show the time Mina goes to bed?



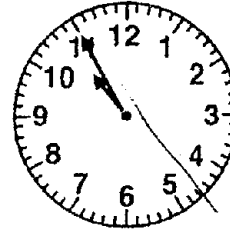
Clock A



Clock B



Clock C



Clock D

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

()



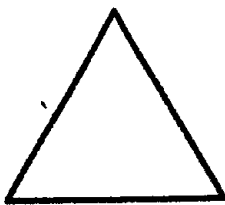
4. What is the value of the notes and coins shown below?



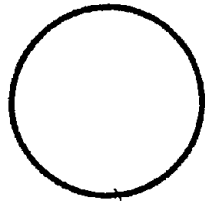
- (1) \$ 17.71
- (2) \$ 44.71
- (3) \$ 44.80
- (4) \$ 45.70

()

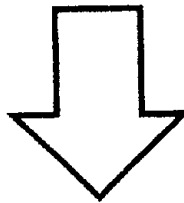
5. Which of the shapes below do not have curved edges?



A



B



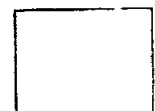
C



D

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

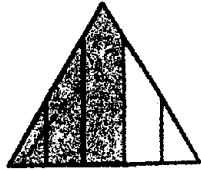
()



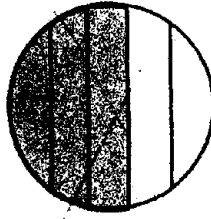
6. Which of the shapes below are $\frac{3}{5}$ shaded?



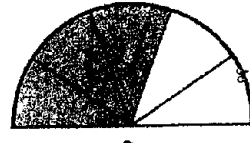
A



B



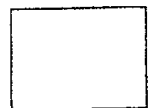
C



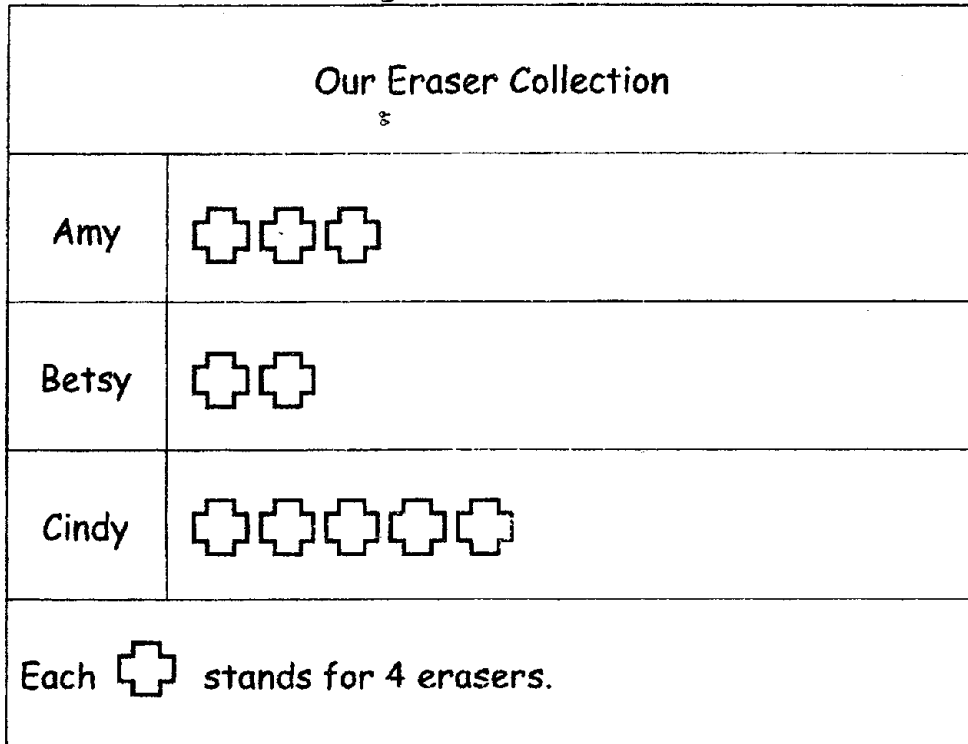
D

- (1) A and D
- (2) B and C
- (3) C and D
- (4) A, B, C and D

()



7. The picture graph shows the number of erasers three children have.



How many erasers do the three children have altogether?

- (1) 10
- (2) 11
- (3) 40
- (4) 44

()



8. Dennis set a 3-digit passcode as follows:

- The first digit is an odd number.
- The second digit is 4 less than the first digit.
- The third digit is the sum of the first two digits.

Which of the following is his passcode?

(1) 156

(2) 268

(3) 516

(4) 628

()

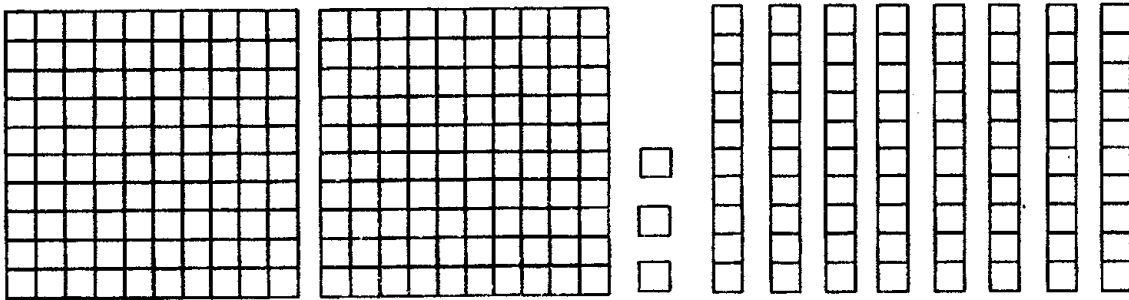


Section B : Open-Ended Questions (25 marks)

Read the following questions carefully and write your answers in the boxes provided. Show all your working clearly.

Questions 9 to 17 carry 1 mark each.

9. Count and write the total number of squares (\square) shown below in numerals.



10. Arrange these numbers in order. Begin with the smallest.

308

316

186

168

smallest

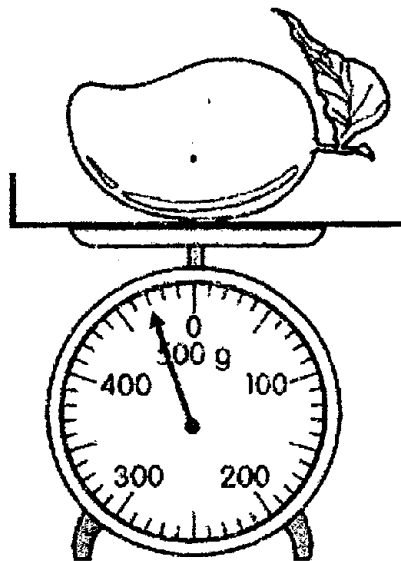
11. What is the missing digit?

$$\begin{array}{r} 791 \\ - 3\boxed{?}5 \\ \hline 396 \\ \hline \end{array}$$

12. Peter has a pie. He cuts it into 9 equal pieces. He gives 5 equal pieces of the pie away. What fraction of the pie is left?

13. Ethan, Fred and Gary share 12 tarts equally among themselves. How many tarts does each of them have?

14. What is the mass of the mango shown below?

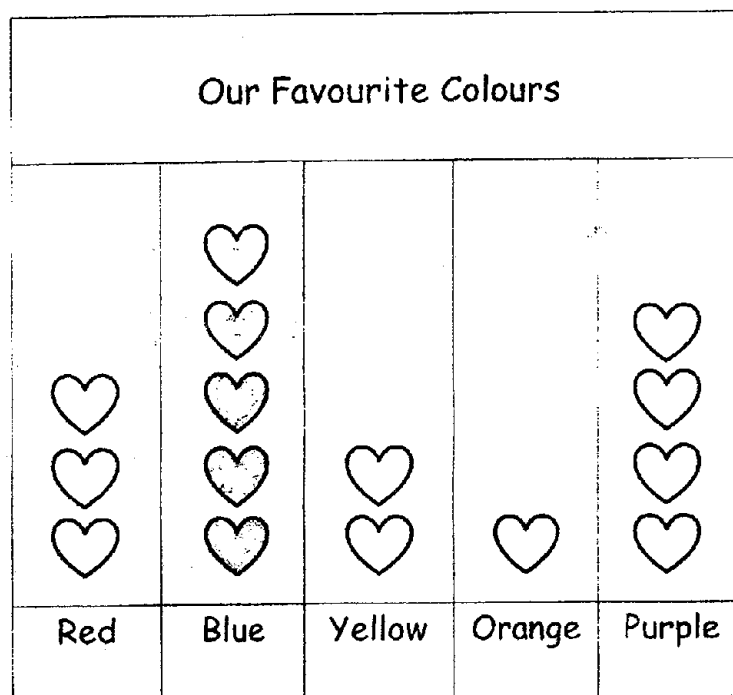
 g

15. Mrs Lim had 18 litres of water in a pail. She used 3 litres of water to water the plants and 11 litres of water to wash the car. How many litres of water were left in the pail?


 litres

16. A chicken pie costs \$3. How many such chicken pies can Joanne buy with \$27?

17. The picture graph shows the favourite colours of the students in Class 2K.

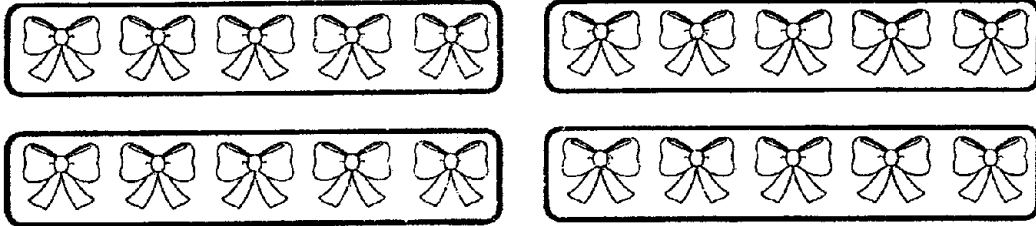


8 more students like blue than orange.

How many student(s) does each  stand for?

Questions 18 to 25 carry 2 marks each.

18. Study the picture below.



Write a multiplication and a division equation to show how the ribbons are grouped.

$$\square \times \square = \square$$
$$\square \div \square = \square$$

19. Arrange the following fractions from the greatest to the smallest.

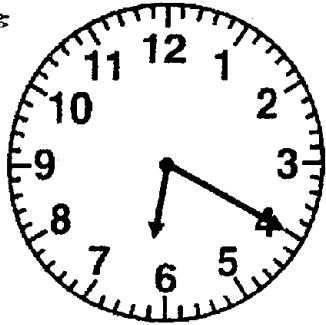
$$\frac{1}{2}, \frac{1}{7}, \frac{1}{5}, \frac{1}{4}$$

, , ,

greatest

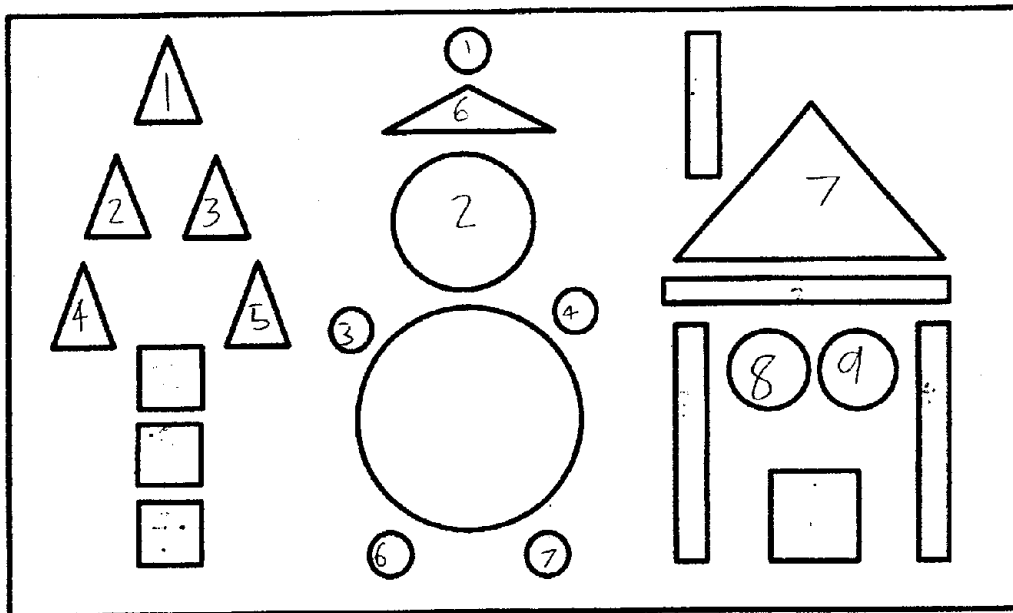


20. The clock below shows the time Xiao Ming wakes up every morning. What time does Xiao Ming wake up every morning?



a.m.

21. Lina formed a picture with some shapes as shown below. How many more circles than triangles did she use in her whole picture?



22. Study the number pattern carefully.
What are the missing numbers?

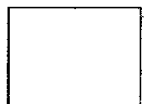
63 , , 54 , 51 , 45 , 42 , 36 , , 27

(a)

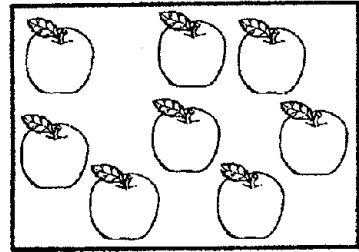
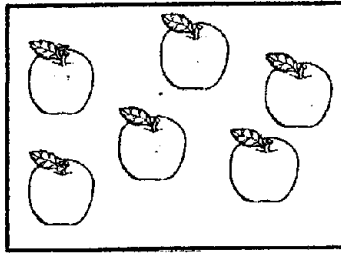
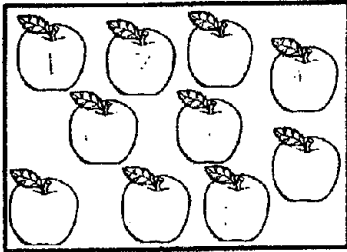
(b)

23. What is the missing fraction in the box?

$$1 - \frac{4}{7} - \boxed{?} = \frac{1}{7}$$



24. Fiona bought 3 boxes of apples as shown below.



She re-packs all the apples into bags of 4.
How many bags of 4 apples will Fiona have?

25. George bought 18 marbles. He kept 6 marbles for himself and gave the rest of the marbles to Bala.

Read each statement and put a tick (✓) in the correct box.

	Statement	True	False
(a)	George bought an even number of marbles.		
(b)	Bala received an odd number of marbles from George.		



Section C : Word Problems (17 marks)

Questions 26 and 27 carry 4 marks each. Read each question carefully.
Show your equations and write your word statements in the spaces provided.

26. (a) Jane baked 18 cupcakes. She put 2 cupcakes on each plate.
How many plates would she need?

Working

-
- (b) Tim baked some cupcakes. He put 3 cupcakes on a plate.
He used 7 plates. How many cupcakes did he bake altogether?

Working



27. Arnold sold 98 litres of drinks at a funfair on Friday. On Saturday, he sold 12 litres less than he did on Friday.
- a) How many litres of drinks did he sell on Saturday?

Working

- b) On Sunday, he sold 23 litres of drinks more than he did on Friday.
How many litres of drinks did he sell on Sunday?

Working



Questions 28 to 30 carry 3 marks each. Read each question carefully.
Show your equations and write your word statements in the spaces provided.

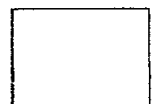
28. There are 88 teachers, 419 boys and 372 girls in the school hall.
How many fewer teachers than children are there?

Working



29. Betty had \$107. She spent \$83 on food.
She used the rest of the money to buy 3 identical books.
The cost of each book was the same. How much did each book cost?

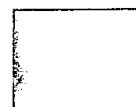
Working



30. Jack bought some stickers and 4 cards. He had 6 stickers left after pasting 8 stickers on each of the 4 cards. How many stickers did he buy at first?

Working

-END OF PAPER-





ANSWER KEY

YEAR : 2018
LEVEL : PRIMARY 2
SCHOOL : HENRY PARK PRIMARY SCHOOL
SUBJECT : MATHEMATICS
TERM : SA2

SECTION A

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

SECTION B

Q9) 283

Q10) 168, 186, 308, 316
smallest

Q11) 9

Q12) $\frac{4}{9}$

Q13) 4

Q14) 470 g

Q15) 4 litres

Q16) 9

Q17) 2

Q18)

$$5 \times 4 = 20$$

$$20 \div 4 = 5$$

Q19) $\frac{1}{2}, \frac{1}{4}, \frac{1}{5}, \frac{1}{7}$

greatest

Q20) 6.20 a.m.

Q21) 2

Q22) a) 60 b) 33

Q23) $\frac{2}{7}$

Q24) 6

Q25) a) True

b) False

SECTION C

Q26a) (9)

$$18 \div 2 = 9$$

b) (21)

$$7 \times 3 = 21$$

Q27) (86)

$$98 - 12 = 86$$

b) (121)

$$98 + 23 = 121$$

Q28) (703)

$$419 + 372 = 791$$

$$791 - 88 = 703$$

Q29) (\$8)

$$107 - 83 = 24$$

$$24 \div 3 = 8$$

Q30) (38)

$$8 \times 4 = 32$$

$$32 + 6 = 38$$

THE END