



HENRY PARK PRIMARY SCHOOL  
2019 SEMESTRAL EXAMINATION 1  
MATHEMATICS  
PRIMARY 3

Name: \_\_\_\_\_ (     )

Parent's Signature

Class: Primary 3 \_\_\_\_\_

\_\_\_\_\_

Duration of Paper: 1 h 45 min

Marks:

|                          |           |
|--------------------------|-----------|
| Section A (MCQ)          | 13        |
| Section B (Open-Ended)   | 45        |
| Section C (Problem Sums) | 22        |
| <b>Total</b>             | <b>80</b> |



**Section A: Multiple Choice Questions (13 marks)**

Questions 1 to 5 carry 1 mark each. Questions 6 to 9 carry 2 marks each.

Choose the correct answer and write its number in the brackets provided.

You are required to shade the correct oval of your answer (1, 2, 3 or 4) in the Optical Answer Sheet (OAS) provided.

1. In which of the following numbers does the digit 6 stand for 600?

(1) 1346

(2) 3164

(3) 4613

(4) 6431

(     )

2. What is the value of 7 thousands + 9 tens + 2 ones?

(1) 792

(2) 7092

(3) 7902

(4) 7920

(     )

3. Find the product of 4 and 8.

(1) 12

(2) 2

(3) 32

(4) 4

(     )

4. John ended his Art lesson at 12.20 p.m.  
His Art lesson lasted for 30 minutes.  
At what time did he start his Art lesson?

(1) 11.00 a.m.

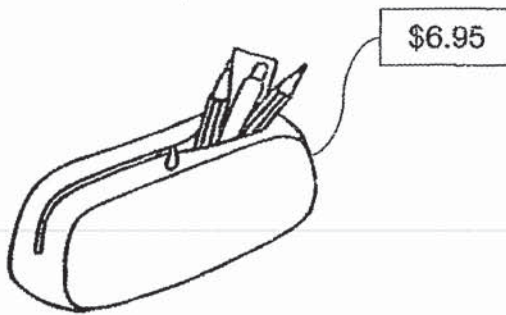
(2) 11.50 a.m.

(3) 12.00 p.m.

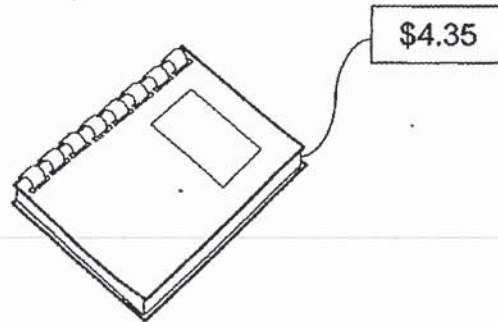
(4) 12.50 p.m.

(     )

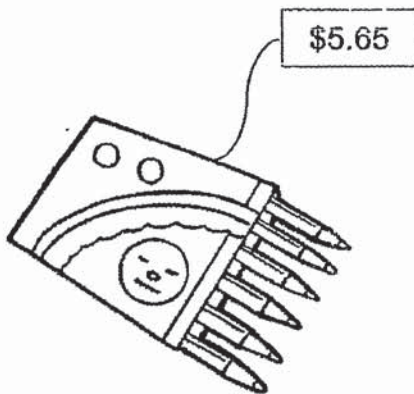
5. Lauren spent exactly \$10 on two of the items below.



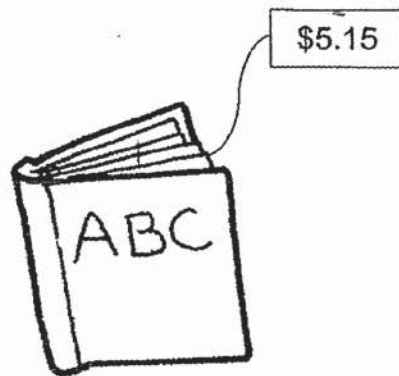
Pencil case



Notebook



Colour pencils



Story book

Which two items did Lauren buy?

- (1) Pencil case and notebook
- (2) Notebook and story book
- (3) Notebook and colour pencils
- (4) Colour pencils and story book

(     )

6. Joseph wrote a number on a card. He added 24 to the number and multiplied the sum by 8. The product is 288. What was the number that Joseph wrote on the card?

- (1) 12
- (2) 33
- (3) 39
- (4) 96

(     )

7. The sum of two numbers is 800. The smaller number is 356.  
What is the greater number?
- (1) 1156  
(2) 556  
(3) 454  
(4) 444 ( )
8. A box of chocolates was shared equally among 8 boys.  
Each boy received 36 chocolates and there were 5 chocolates left.  
How many chocolates were there in the box?
- (1) 293  
(2) 288  
(3) 249  
(4) 244 ( )
9. Mrs Tan bought a box of markers and a bag. The box of markers cost \$25.80.  
She gave the cashier two fifty-dollar notes and received \$11.50 change.  
How much did the bag cost?
- (1) \$12.70  
(2) \$62.70  
(3) \$74.30  
(4) \$85.70 ( )

(Go on to Section B)

**Section B: Open-Ended Questions (45 marks)**

Questions **10** to **14** carry 1 mark each. Write your answers in the boxes provided. For questions which require units, give your answers in the units stated.

10. Write seven thousand and ninety-two in numbers.

11. Find the sum of 4296 and 1471.

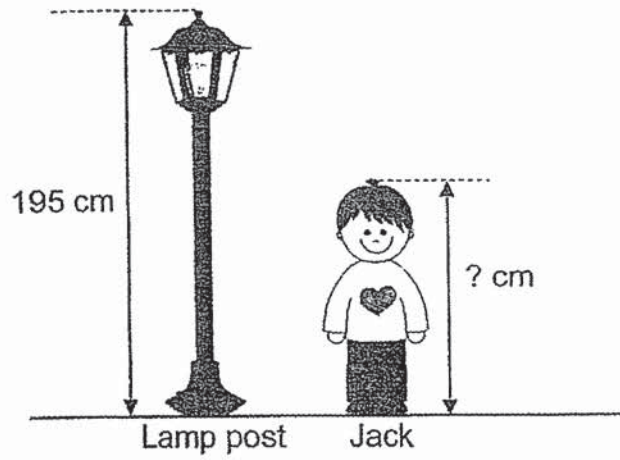
12. Find the quotient and remainder of 974 and 4.

|   |   |
|---|---|
| Q | R |
|---|---|

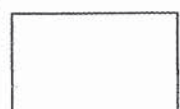
13. Subtract \$0.75 from \$9.95.

|    |  |
|----|--|
| \$ |  |
|----|--|

14. A lamp post measures 195 cm in height.  
Jack is 67 cm shorter than the lamp post.  
How tall is Jack?



|    |
|----|
| cm |
|----|



Questions 15 to 34 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

15. Study the number pattern below.

3405, 3607, 3809, ?, 4213, 4415

What is the missing number?

16. How many tens must be added to 215 to make 985?

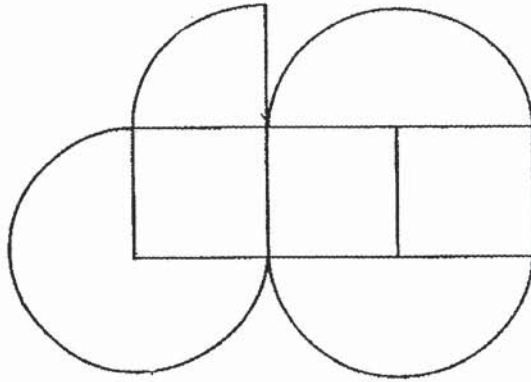
tens

17. The distance from the school to George's house is 495 m. The distance from the school to the shopping mall is 700 m. What is the distance between George's house to the shopping mall?



m

18. Kate only used quarter circles and squares to form the figure below.



How many quarter circles did Kate use to form the figure?

19. A watermelon cost \$6. Mrs Lim bought 3 such watermelons.  
How much did Mrs Lim pay altogether?

20. Find the missing number in the box below.

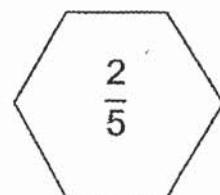
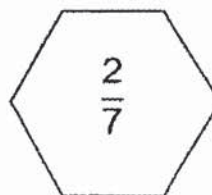
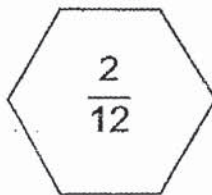
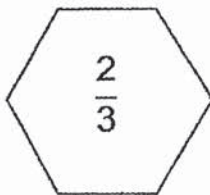
$$\boxed{?} \div 5 = 83$$

21. Mark has 35 twenty-cent coins. How much money does Mark have?

\$

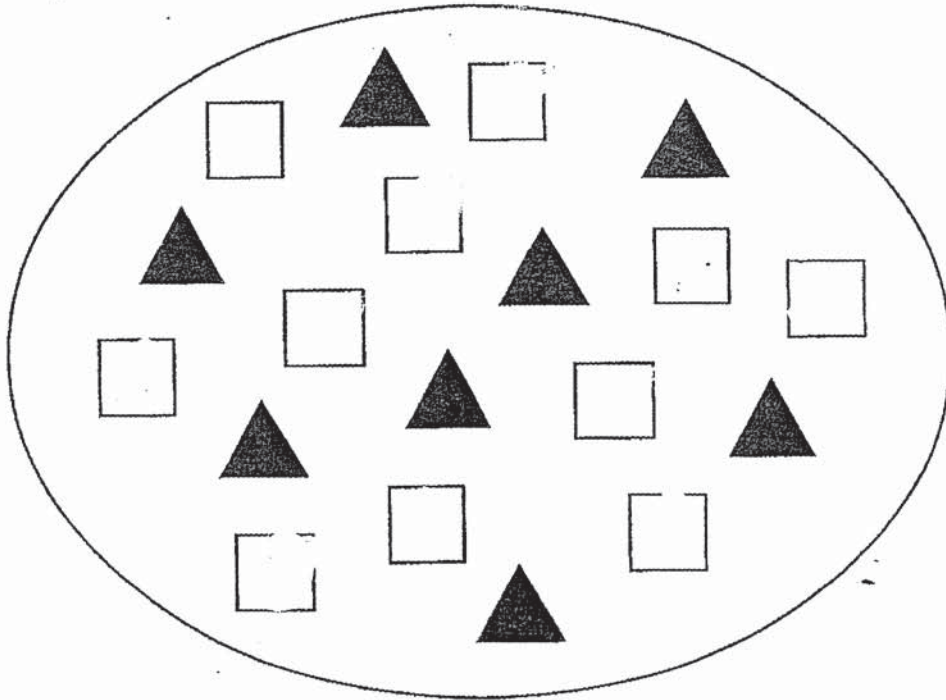
22. Heidi has 48 stamps. She has 6 times as many stamps as Mindy.  
How many stamps does Mindy have?

23. Arrange the fractions in order. Begin with the smallest.



\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
smallest

24. Study the picture below.



(a) How many squares are there?

a)

(b) How many fewer triangles than squares are there?

b)

25. Form the smallest 4-digit even number using all the digits given below.

6

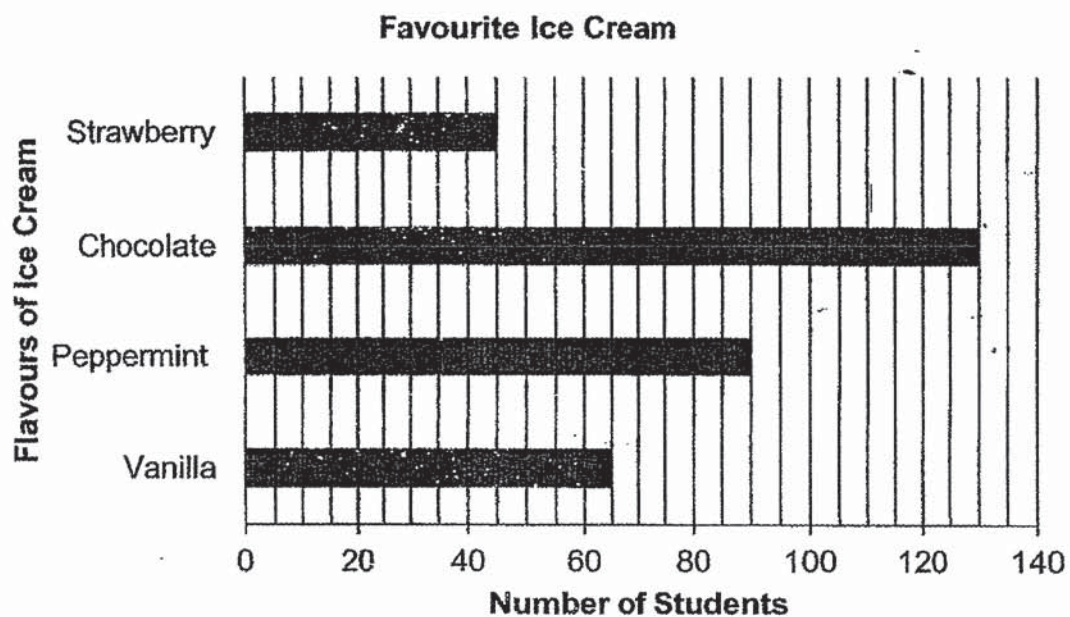
5

2

9

26. A baker baked some muffins at first. He sold 1200 muffins. After that, he baked another 625 muffins and had 800 muffins left in the shop. How many muffins did the baker bake at first?

27. The bar graph below shows the different flavours of ice cream that the Primary 3 students like.



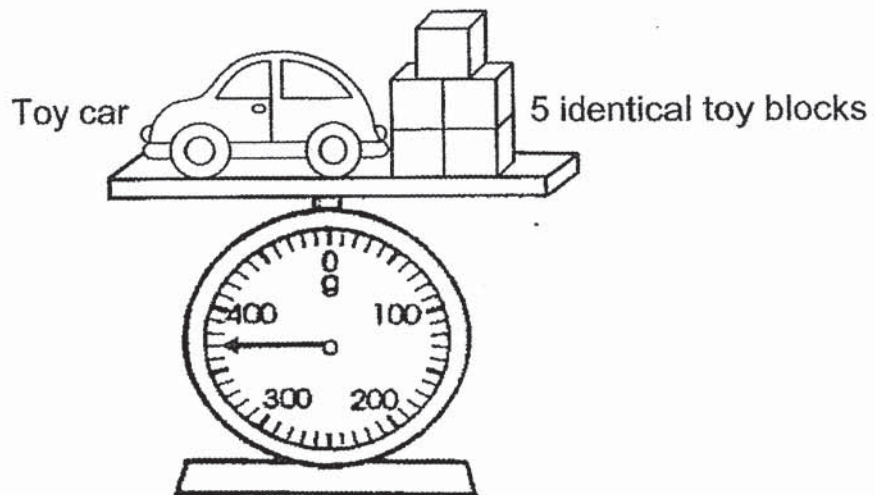
- (a) Which is the most popular ice cream flavour?

a)

- (b) How many more students like peppermint flavour than strawberry flavour?

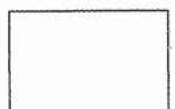
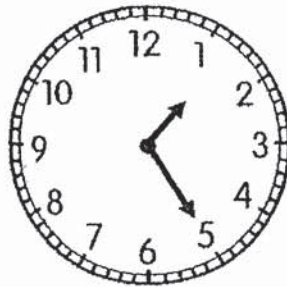
b)

28. Study the picture below.



The mass of the toy car is 170g. Find the mass of one toy block.

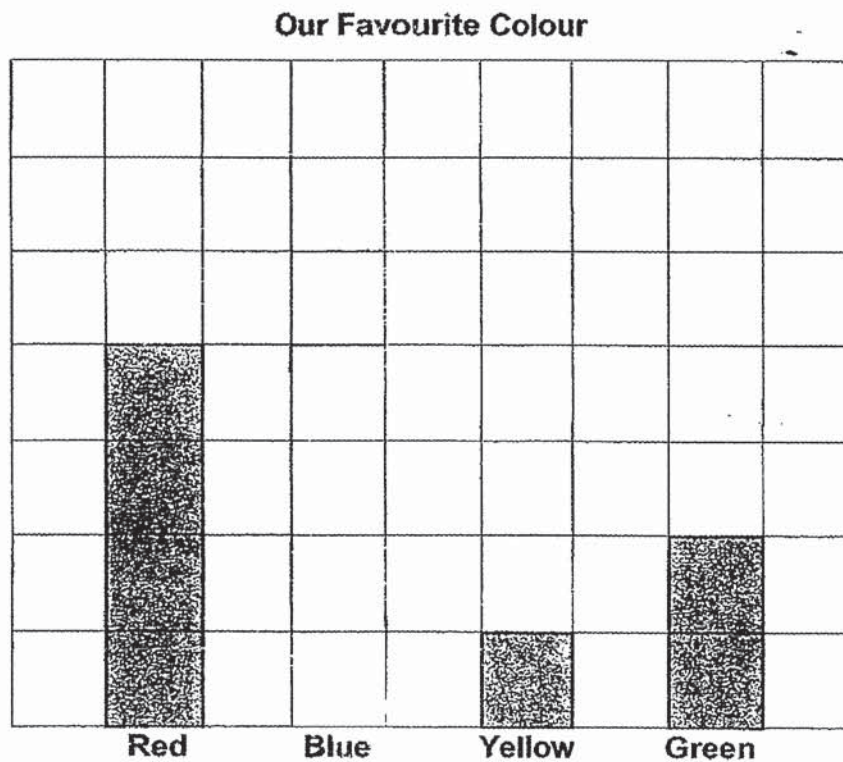
29. The clock below shows the time that Elaine had finished her lunch 1 hour ago. What is the time now?



30. The table below shows the favourite colours of a group of children.

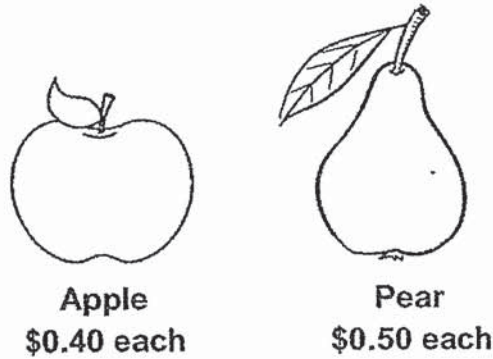
| Colour | Number of Children |
|--------|--------------------|
| Red    | 24                 |
| Blue   | 30                 |
| Yellow | 6                  |
| Green  | 12                 |

Sally drew a graph to show the information from the table above. Complete the graph below by **shading** the correct number of squares for the number of children who like **blue**.



Each  stands for 6 children.

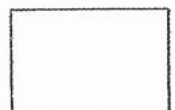
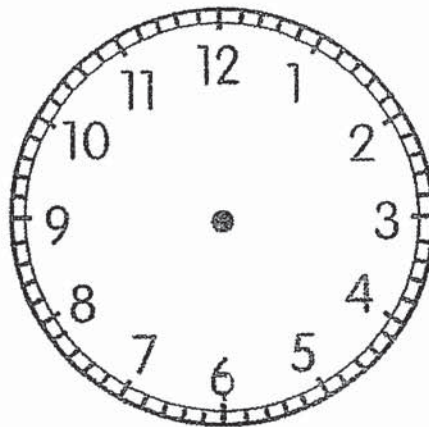
31. In a shop, apples are sold at \$0.40 each and pears are sold at \$0.50 each. Mr Teo bought 5 apples and 2 pears from the shop.



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

|    | Statement                                               | True | False | Not Possible to Tell |
|----|---------------------------------------------------------|------|-------|----------------------|
| a) | 5 apples cost the same as 2 pears.                      |      |       |                      |
| b) | Altogether, Mr Teo paid \$3.00 for 5 apples and 2 pears |      |       |                      |

32. Mrs Ang left the school at 4 p.m. She reached home 1 hour later. 30 minutes after she reached home, she went for a jog. Draw in the clock face below to show the time that Mrs Ang started her jog.



33. Mrs Lau baked some cakes. She put 2 cherries and 7 strawberries on each cake. Altogether, she used 54 cherries and strawberries on the cakes. How many cakes did she bake?

34. There are 25 more balls in Bag A than in Bag B. Derrek moves 10 balls from Bag B to Bag A. How many more balls are there in Bag A than in Bag B now?

NAME: \_\_\_\_\_

CLASS: Primary 3 \_\_\_\_\_

**Section C: Problem Sums (22 marks)**

Read the problem sums carefully before solving it. Show your working and write your word statements clearly. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

35. A total of 4380 visitors visited the Jurong Bird Park. 1729 of the visitors were adults and the rest were children.

a) How many children were there? [2 marks]

Working

- b) 961 of the adults were women. How many men were there? [2 marks]

Working

36. Alicia, Bernice and Carol shared a cake. Alicia and Bernice ate  $\frac{7}{12}$  of the cake.  
Bernice ate  $\frac{4}{12}$  of the cake. Carol ate the rest of the cake.

a) What fraction of the cake did Alicia eat? [2 marks]

Working

b) What fraction of the cake did Carol eat? [2 marks]

Working



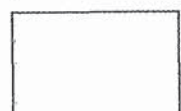
37. A jug contains 900 ml of water. It contains 4 times as much water as a glass.

a) How much water does the glass contain? [2 marks]

Working

b) Bala drinks 360 ml of water from the jug. How much water is left in the jug?  
[2 marks]

Working



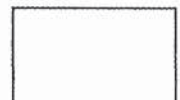
38. Tammy bought a calculator and 2 identical books. Each book cost \$13.95.

a) How much did Tammy pay for both books? [2 marks]

Working

b) The book cost \$18.25 less than the calculator.  
What was the cost of the calculator? [2 marks]

Working



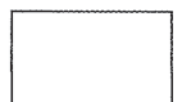
39. Samuel has 14 stickers. His sister has 5 times as many stickers as Samuel. His sister uses 6 of her stickers. How many stickers does his sister have left?  
[3 marks]

Working

40. Mr Tan bought 4 boxes of oranges. Each box contained 168 oranges. He packed the oranges equally into 7 bags. How many oranges were there in each bag? [3 marks]

Working

-END OF PAPER-





**SCHOOL : HENRY PARK PRIMARY SCHOOL**

**LEVEL : PRIMARY 3**

**SUBJECT : MATH**

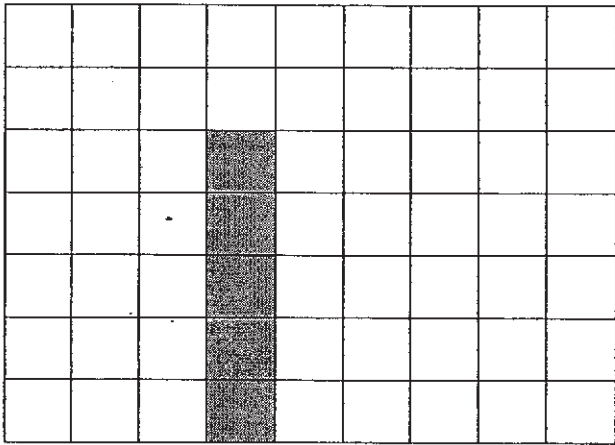
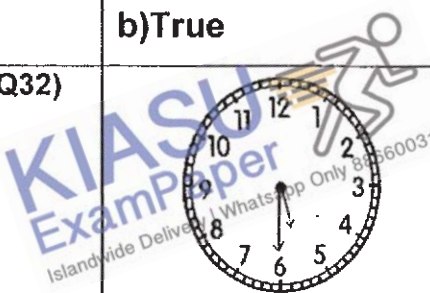
**TERM : 2019 SA1**

**BOOKLET A**

| Q 1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 |
|-----|----|----|----|----|----|----|----|----|
| 3   | 2  | 3  | 2  | 3  | 1  | 4  | 1  | 2  |

**BOOKLET B**

|      |                                                       |
|------|-------------------------------------------------------|
| Q10) | 7092                                                  |
| Q11) | 5767                                                  |
| Q12) | 243 R2                                                |
| Q13) | $\$9.95 - \$0.75 = \$9.20$                            |
| Q14) | $195 - 67 = 128\text{cm}$                             |
| Q15) | 4011                                                  |
| Q16) | 77                                                    |
| Q17) | 205m                                                  |
| Q18) | 8                                                     |
| Q19) | $\$6 \times 3 = \$18$                                 |
| Q20) | $83 \times 5 = 415$                                   |
| Q21) | \$7.00                                                |
| Q22) | 8                                                     |
| Q23) | $\frac{2}{12}, \frac{2}{7}, \frac{2}{5}, \frac{2}{3}$ |
| Q24) | a)11<br>b)3                                           |

|      |                                                                                     |
|------|-------------------------------------------------------------------------------------|
| Q25) | 2596                                                                                |
| Q26) | $800 - 625 = 175$<br>$1200 + 175 = 1375$                                            |
| Q27) | a)chocolate<br>b) $90 - 45 = 45$                                                    |
| Q28) | 40g                                                                                 |
| Q29) | 2.25 p.m                                                                            |
| Q30) |  |
| Q31) | a)False<br>b)True                                                                   |
| Q32) |  |
| Q33) | 6                                                                                   |
| Q34) | $10 + 25 + 10 = 45$                                                                 |
| Q35) | a) $4380 - 1729 = 2651$<br>b) $1729 - 961 = 768$                                    |

|      |                                                                                                  |
|------|--------------------------------------------------------------------------------------------------|
| Q36) | $a) \frac{7}{12} - \frac{4}{12} = \frac{3}{12}$ $b) \frac{12}{12} - \frac{7}{12} = \frac{5}{12}$ |
| Q37) | a) $900 \div 4 = 225$ ml<br>b) $900 - 360 = 540$ ml                                              |
| Q38) | a) $\$13.95 \times 2 = \$27.90$<br>b) $\$13.95 + \$18.25 = \$32.20$                              |
| Q39) | $14 \times 5 = 70$<br>$70 - 6 = 64$                                                              |
| Q40) | $168 \times 4 = 672$<br>$672 \div 7 = 96$                                                        |

