Catholic High School
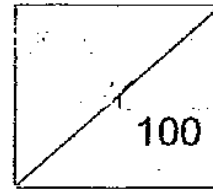## End-Of-Year Examination 2007
Mathematics
Primary 2

100

Name:_____(   )

Class: Primary 2 _____

Date: 25th October 2007

Duration: 1 h 15 min

Parent's Signature: _____

There are 3 sections consisting of 21 pages in this paper.

Section A: Multiple-Choice Questions (MCQ)   20 x 2 marks

Section B: Open-Ended Questions   20 x 2 marks

Section C: Story Sums   5 x 4 marks

1) The value of digit 7 in 675 is _____.

    (1) 7 ones
    (2) 7 tens
    (3) 70 tens
    (4) 7 hundreds   (   )

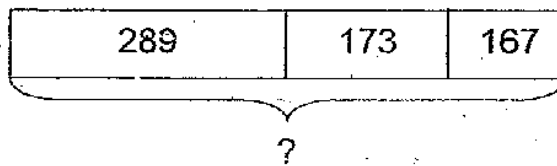2) Subtract 299 from 801. The answer is _____.

    (1) 501
    (2) 502
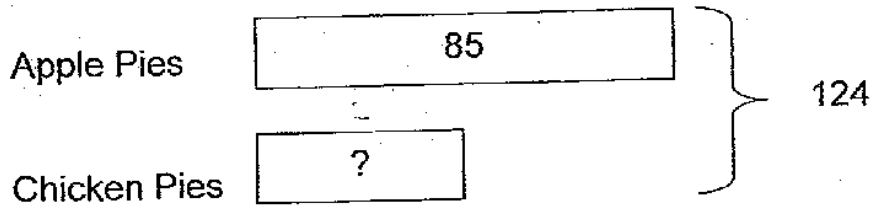   (3) 512
    (4) 698   (   )

3) Look at the model below. What is the missing number?

289	173	167

?

    (1) 295
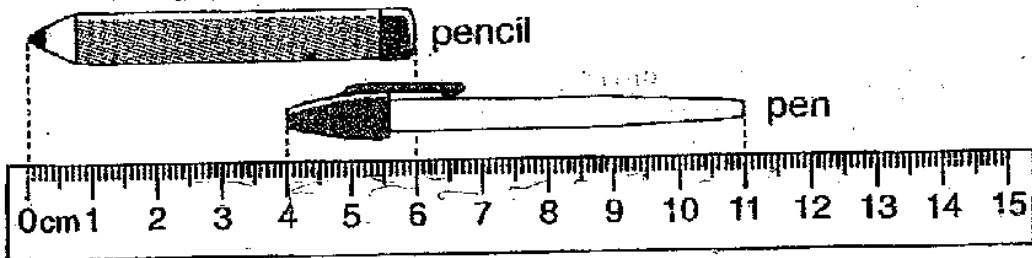   (2) 340
    (3) 462
    (4) 629   (   )

4) A shop has some apple pies and chicken pies as shown in the model below. How many chicken pies are there?

Apple Pies | 85 |

Chicken Pies | ? |

124

(1) 39
(2) 41
(3) 109
(4) 209

(   )

5) What is the total length of the pen and pencil?

pencil

pen
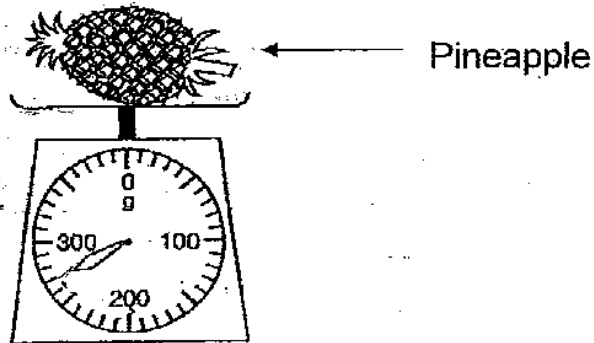
0cm 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

(1) 6 cm
(2) 7 cm
(3) 11 cm
(4) 13 cm

(   )

6) Mrs Tan had 32 metres of cloth. She used 17 metres to make some dresses. What was the length of the cloth left?
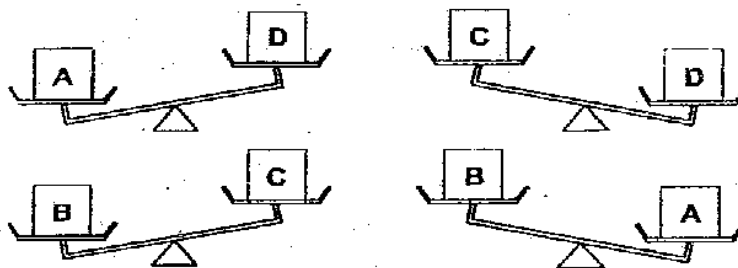
(1) 15 m
(2) 25 m
(3) 35 m
(4) 49 m   (   )

7)

Pineapple

The mass of a pineapple is _____ g.

(1) 207
(2) 208
(3) 270
(4) 280   (   )

8)

Which box is the heaviest?

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

67

9) The product of 9 and 3 is _____.

   (1) 6
   (2) 12
   (3) 3
   (4) 27

   (   )

10) What is 6 less than 7 × 2?

   (1) 8
   (2) 2
   (3) 14
   (4) 20

   (   )

11) A printer costs $109. Mr Wang gives the cashier $200.
    How much change will he receive?

   (1) $91
   (2) $109
   (3) $111
   (4) $309

   (   )

12) Amy had some ribbons. The number of ribbons was more than 30
    but less than 40. She packed all the ribbons into packets of 6.
    How many ribbons did she have?

   (1) 30
   (2) 34
   (3) 36
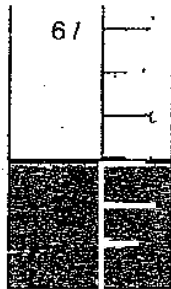   (4) 40

   (   )

13) Ben had 4 baskets. He put 7 durians in each basket.
How many durians did he have altogether?
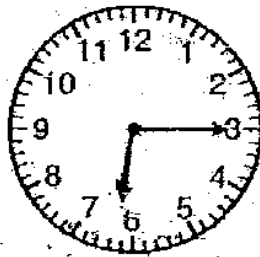
(1) 11
(2) 21
(3) 28
(4) 35   (   )

14) What is the volume of the water in the container shown below?

(1) 5 *l*
(2) 2 *l*
(3) 3 *l*
(4) 4 *l*   (   )

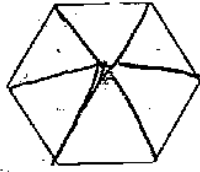
15) If the clock is 15 minutes slow in the morning, what is the correct time?
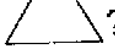

(1) 6.00 a.m.
(2) 6.00 p.m.
(3) 6.30 a.m.
(4) 6.30 p.m.   (   )

16) The figure below is made up of 6 △.

What is the fraction of a △ ?

(1) $\frac{1}{6}$

(2) $\frac{2}{6}$

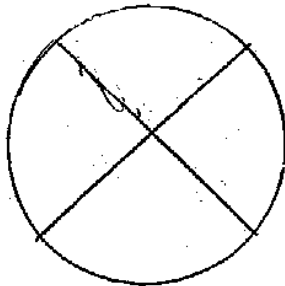(3) $\frac{3}{6}$

(4) $\frac{6}{6}$

(   )

17) May ate $\frac{1}{4}$ of a pizza and gave some to her brother. She had $\frac{1}{4}$ of the pizza left. What fraction of the pizza did she give to her brother?

(1) $\frac{1}{4}$

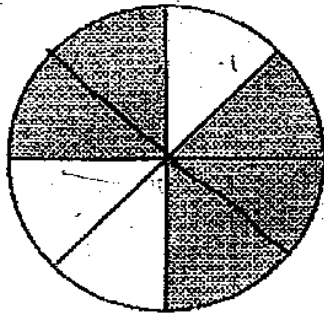(2) $\frac{2}{4}$

(3) $\frac{3}{4}$

(4) $\frac{4}{4}$

(   )

70

18) Alfred took 1 hour to do his homework.
He took another 30 minutes to read a story book.
Alfred started doing his homework at 4.30 p.m.
At what time did he finish reading the story book?

(1) 5.00 p.m.
(2) 5.30 p.m.
(3) 6.00 p.m.
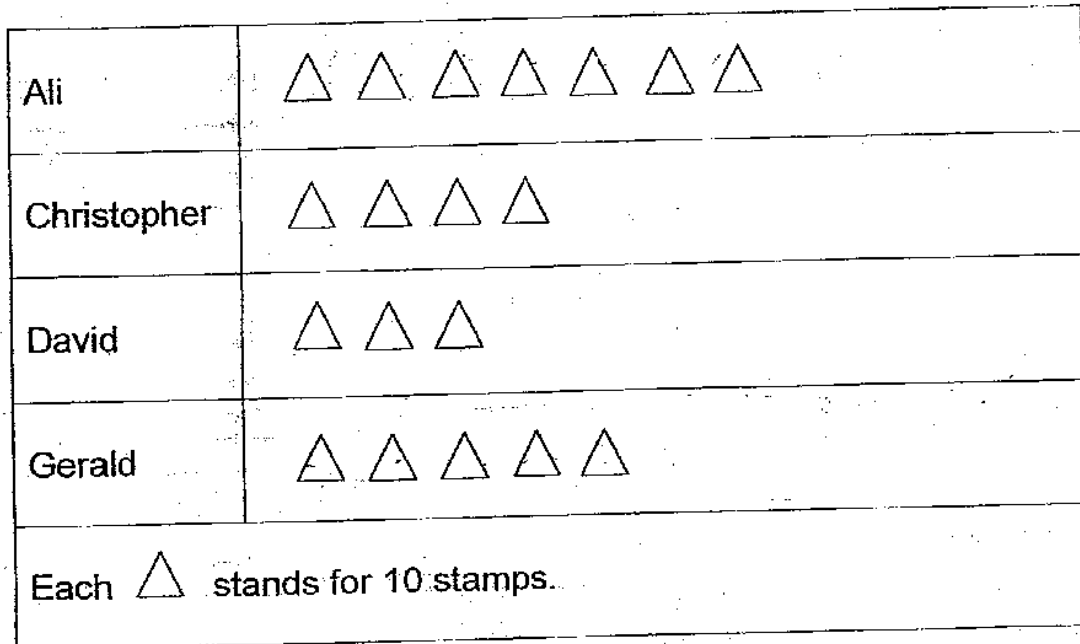(4) 6.30 p.m.   (   )

19) What fraction of the figure shown below is shaded?

(1) $\frac{2}{6}$

(2) $\frac{3}{6}$

(3) $\frac{3}{8}$

(4) $\frac{5}{8}$ (   )

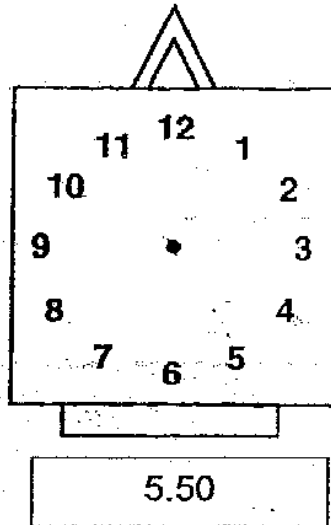20) The picture graph below shows the number of stamps collected by 4 boys.

Ali	△ △ △ △ △ △ △
Christopher	△ △ △ △
David	△ △ △
Gerald	△ △ △ △ △

Each △ stands for 10 stamps.

How many stamps did Christopher and David collect altogether?

(1) 7
(2) 70
(3) 80
(4) 90

(   )

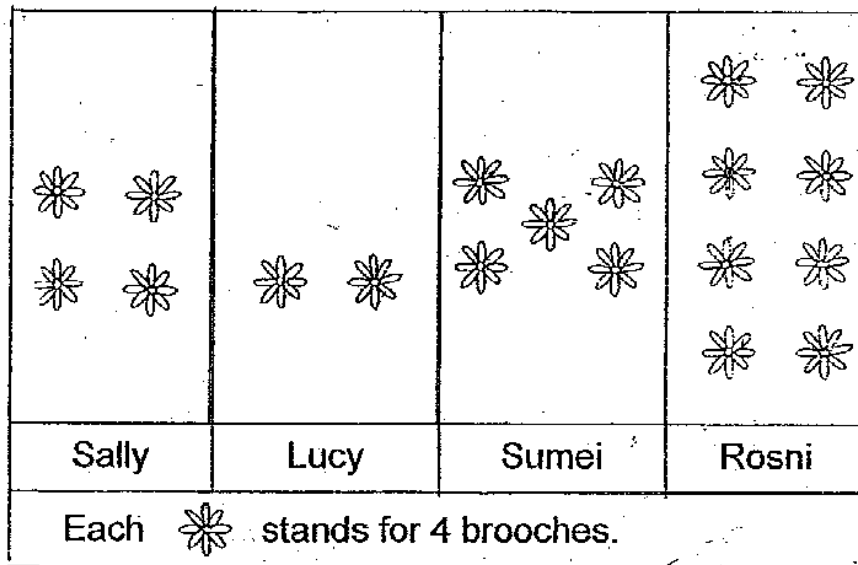## Section B: Open-Ended Questions (20 x 2 marks)

Do the following questions carefully.
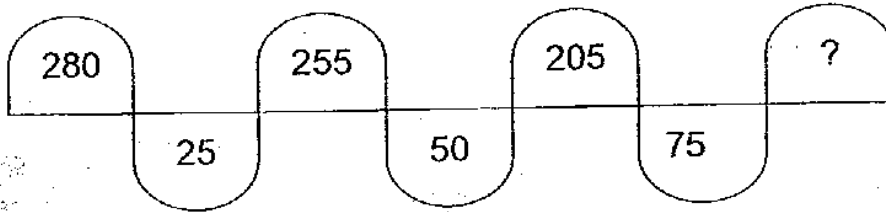
21) Draw the minute hand to show the time on the clock.

5.50

22) The picture graph below shows the number of brooches collected by four girls.

| Sally	Lucy	Sumei	Rosni

Each ✸ stands for 4 brooches.

_____ collected 12 fewer brooches than Sumei.

-9-

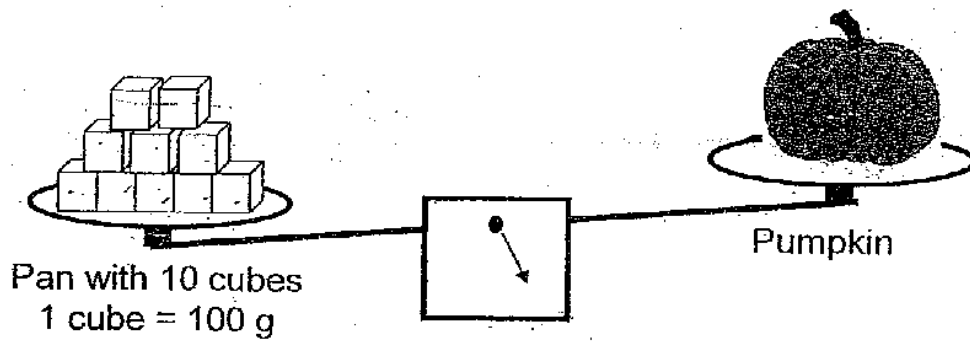23) Study the number pattern below. Find the missing number.

The missing number is _____.

24) Mr Tan and Mr Lim sold a total of 264 meatballs.
Mr Tan sold 97 meatballs. How many meatballs did Mr Lim sell?
Fill in the information given and the number of meatballs
Mr Lim sold in the ovals as shown in the model below.

Mr Tan

Mr Lim
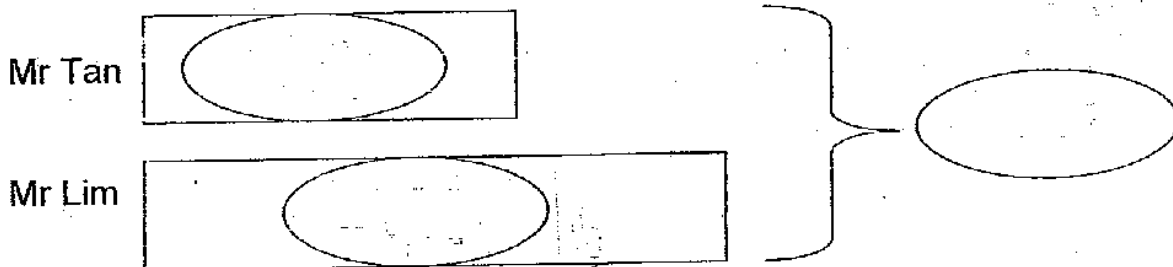
25) Look at the picture below.

Pan with 10 cubes
1 cube = 100 g

Pumpkin

There are 10 cubes on the pan. When 2 cubes are taken out from the pan, the balance scale will be balanced.
What is the mass of the pumpkin?

The mass of the pumpkin is _____ g.

26) Mrs Chew bought 27 stalks of flowers. She put 3 stalks in each vase. How many vases did she use?
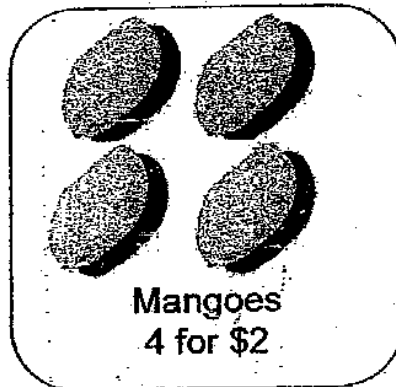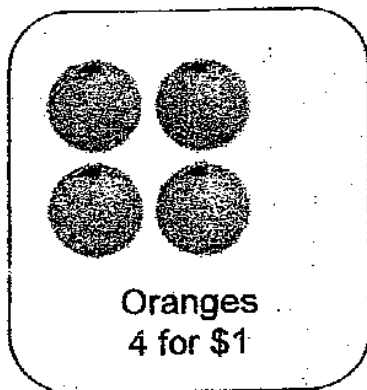
She used _____ vases.

27) Points A, B, C and D are on a straight line.
C is **not** between A and B.
D is in the middle of A and B.
The distance from A to D is 4 cm.
The distance from A to C is 6 cm.
What is the distance from B to C?
(You may want to use the line below to work out the answer.)
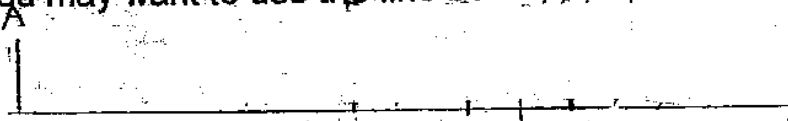
The distance from B to C is _____ cm.

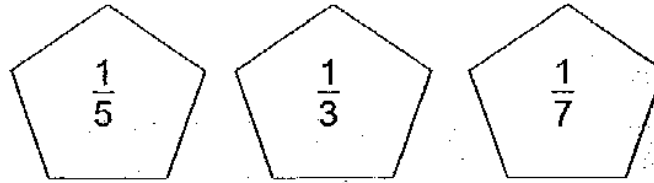28) Mike bought 8 oranges and 4 mangoes. How much did he pay in all?

Oranges
4 for $1

Mangoes
4 for $2

Mike paid $_____.

29) Darren had 6 story books. Tim had 4 times as many story books as Darren. How many story books did Tim have?

Tim had _____ story books.

30) Arrange the fractions in order, beginning with the greatest.

$\dfrac{1}{5}$ $\dfrac{1}{3}$ $\dfrac{1}{7}$
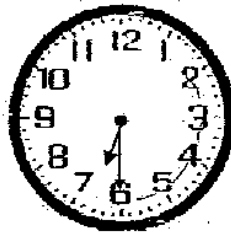
_____ , _____ , _____

(Greatest)

31) Bryan is looking at a clock in the morning.
The hour hand is a bit before 4 o'clock and the minute hand
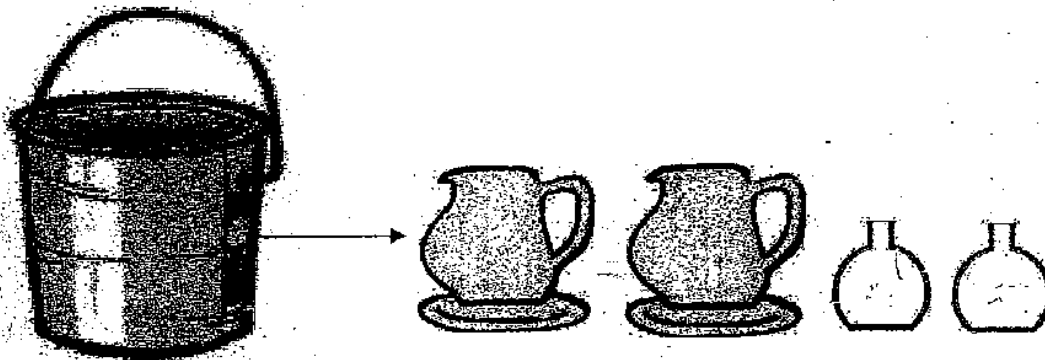points to 11, what is the time shown on the clock?

The time is _____ a.m.

32) Bernard was watching a cartoon and his clock was 20 min fast.
After watching the cartoon, the time shown on the clock was 6.30 p.m.
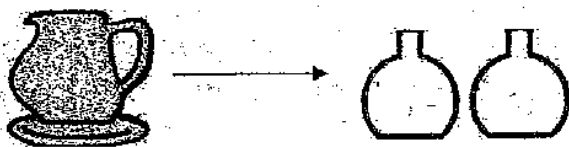What was the actual time that the show ended?

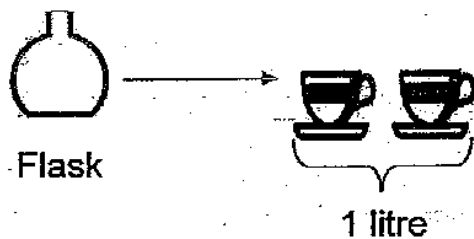The actual time that the show ended was _____ p.m.

77

33) Study the picture below carefully.

Pail
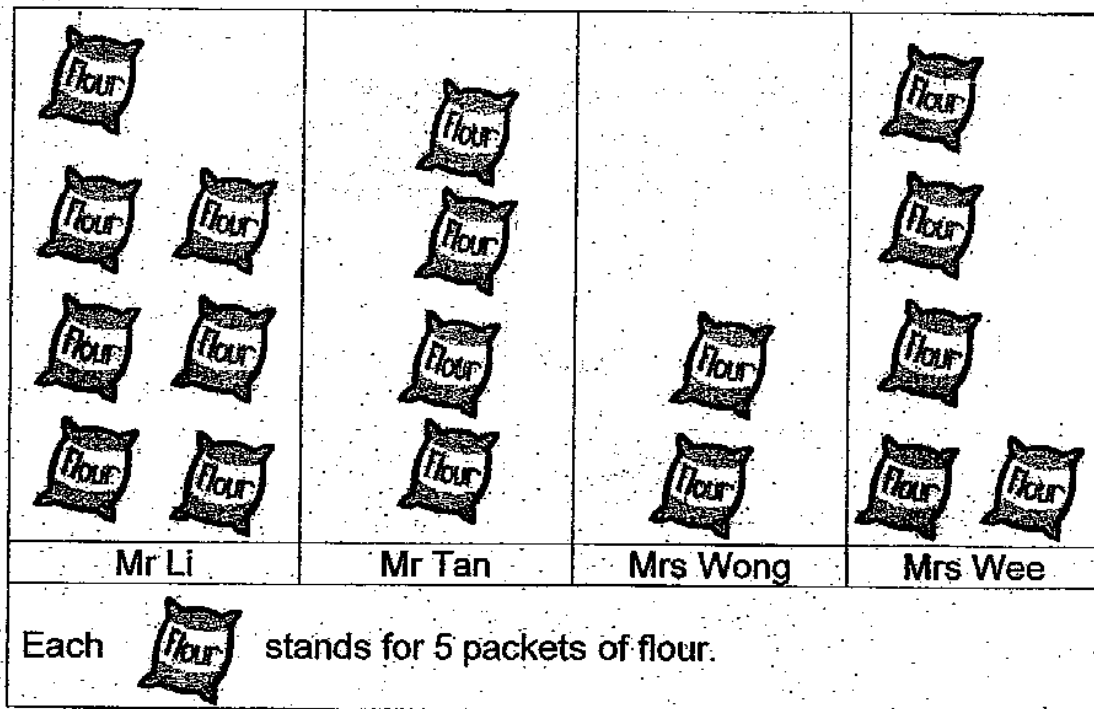
Jug

Flask

1 litre

The pail can hold _____ litres of water.

78

34) The picture graph below shows the amount of flour bought by each baker.

| Mr Li | Mr Tan | Mrs Wong | Mrs Wee |

Each [flour] stands for 5 packets of flour.

How many more packets of flour must Mr Tan buy so that he will have 5 more packets of flour than Mrs Wee?

He must buy _____ more packets of flour.

35) The picture graph below shows the number of muffins sold at a bakery for 4 days.

			🧁
		🧁	🧁
	🧁	🧁	🧁
🧁	🧁	🧁	🧁
🧁	🧁	🧁	🧁
Monday	Tuesday	Wednesday	Thursday

Each 🧁 stands for 3 muffins.
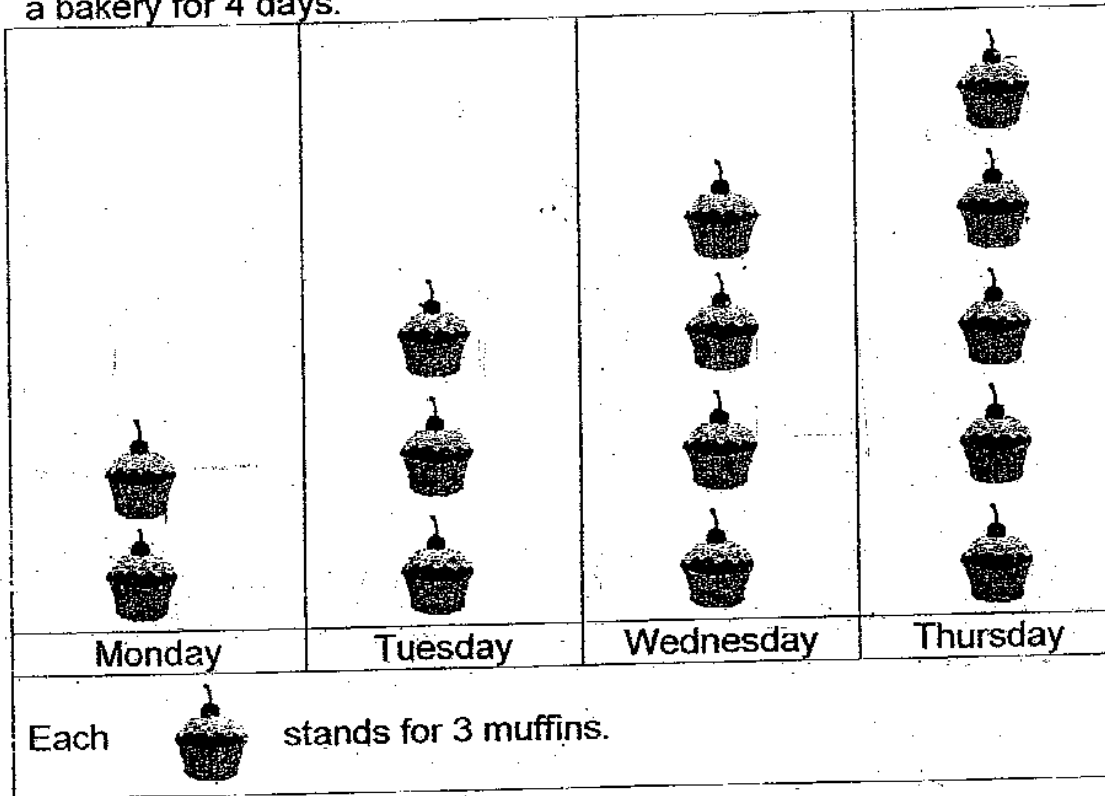
The number of muffins sold at the bakery followed a pattern.
12 muffins were sold on Wednesday, how many muffins would be sold on Friday?

_____ muffins would be sold on Friday.

36) Eugene is thinking of a 3-digit number.
The digit in the hundreds place is 3 more than the digit in the ones place.
The digit in the tens place is twice the digit in the hundreds place.
The sum of the digits is 13.
What is the number that Eugene is thinking of?

The number that he is thinking of is _____.

37) Ted spilled some chilli sauce on his question in his workbook.
Given that the values of A and B are different 1-digit numbers, find the value of A.

$$
\begin{array}{ccc}
 2 & A & 1 \\
+\;3 & 7 & B \\
\hline
6 & 2 & 0 \\
\hline
\end{array}
$$

The value of A is _____

38) Look at the figures below and answer the following question.
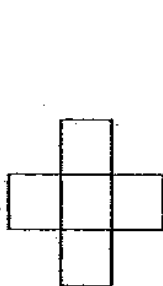
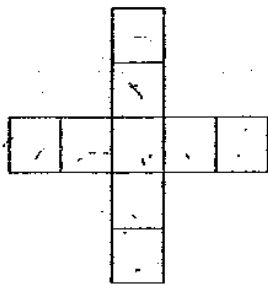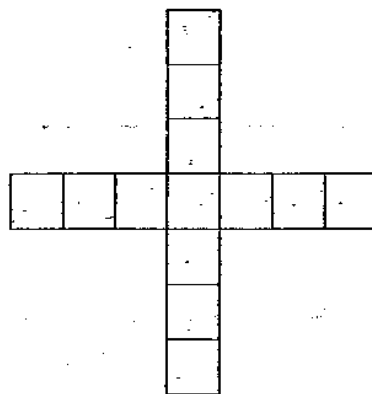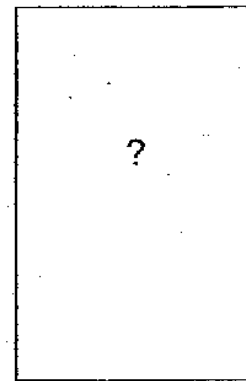Figure 1   Figure 2   Figure 3   Figure 4

How many ☐ are needed to build Figure 4?

_____ ☐ are needed to build Figure 4.

39)   Sam had $27 more than Eric.
      Danny had $13 less than Eric.
      How much more would Sam have than Danny?

      Sam would have $_____ more than Danny.

40)   Mr Ong is a drink seller.
      On the first day, he sold 8 litres of grass jelly.
      On the second day, he sold 10 litres of grass jelly.
      Every day, he sold 2 litres more than the day before.
      How much grass jelly would he sell on the sixth day?

      He would sell _____ litres of grass jelly on the sixth day.

Section C: Story Sums (5 x 4 marks)

Complete the following questions. All workings must be clearly shown.
Draw model if necessary.

41)   Joel bought 2 toy aeroplanes. He gave the cashier $50 and
      received a change of $27. How much did the two aeroplanes cost?

      The two aeroplanes cost $_____

42)   Jim had 269 jellybeans. He had 127 fewer jellybeans than Joshua.
      How many jellybeans did Joshua have?

      Joshua had _____ jellybeans.

43) Trevor sold 235 more cakes than buns.
After selling 119 buns, he still had 87 more buns left.
How many cakes did he sell?

He sold _____ cakes.

44) Tank A had 345 litres of water more than tank B.
Tank B had 500 litres of water less than tank C.
How much more water was there in tank C than in tank A?
**(Draw model to answer the question – Mark will be awarded
for the correct model drawn)**

There were _____ litres of water more in tank C than in
tank A.

45)   Mrs. Han sells 5 fish balls for $1. How much will she earn if she sells
        30 fish balls?

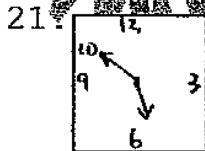She will earn $_____ if she sells 30 fish balls.

ANSWER SHEET

1. 2
2. 2
3. 4
4. 1
5. 4
6. 1
7. 3
8. 1
9. 4
10. 1
11. 1
12. 3
13. 3
14. 3
15. 3
16. 1
17. 2
18. 3
19. 4
20. 2
21.

22. Lucy
23. 130
24. Mr Tan sold 97
    Mr Lim sold 167 } 264
25. 800g
26. 9 vases
27. 14cm
28. $4

29) 24
30) 1/3, 1/5, 1/7
31) 3:55am
32) 6:10pm
33) 6
34) 10
35) 18

41)

$27	?

$50

50 - 27 = 23
The two aeroplanes cost $23.

42) Jim | 269 | 127 |

Joshua | ? |

269 + 127 = 396
Joshua had 396 jellybeans.

43) cakes | sell |

buns | sell |

235+119=354
He sold 354 cakes.

36) 481
37) 4
38) 17
39) $40
40) 18

44) Tank A

Tank B   345

Tank C   500

345−500=155

There were 155 litres of water more in tank C than in tank A.

45) She will earn $6 if she sells 30 fish balls.