



RAFFLES GIRLS' PRIMARY SCHOOL

SEMESTRAL ASSESSMENT (2) 2006

Your Score Out of 100 marks		
	Class	Level
Highest score		
Average score		
Parent's Signature		

Name: _____ Class: P2 _____ Index No: _____

30 October 2006 MATHEMATICS ATT: 1 h 30 min

Section A (13 × 2 marks)

For each question, four options are given. Choose the correct answer and write its number (1, 2, 3 and 4) in the bracket provided.

1) Six hundred and seven in numerals is _____.

- 1) 607
- 2) 670
- 3) 706
- 4) 760

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2) Theresa bought 24 candies. She shared the candies with 2 of her friends. How many candies would each of them have?

- 1) $24 \times 3 = 72$
- 2) $24 \times 2 = 48$
- 3) $24 \div 2 = 12$
- 4) $24 \div 3 = 8$

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3) Rope A is 85 cm long. Rope B is 11 cm shorter than Rope A. What is the length of Rope B?

- 1) 11 cm
- 2) 74 cm
- 3) 85 cm
- 4) 96 cm

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- 4) Nicole's tuition class started at 11 o'clock in the morning. It lasted $1\frac{1}{2}$ hours. What time did her tuition class end?

- 1) 11.30 a.m.
- 2) 12.30 a.m.
- 3) 12.30 p.m.
- 4) 1.30 p.m.

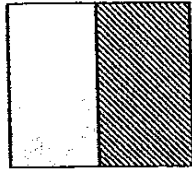
- 5) What is the total amount of money shown below?



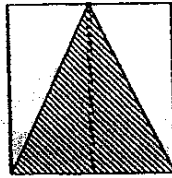
- 1) \$0.77
- 2) \$1.75
- 3) \$2.75
- 4) \$3.20

6) Sumei shaded $\frac{1}{4}$ of a square. Which diagram below shows the square that Sumei has shaded?

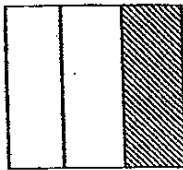
1)



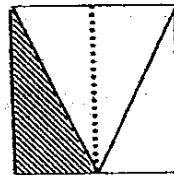
2)



3)



4)



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7) Below is a conversation between Meiling and Roy.

I have 6 marbles.

Meiling

I have 20 marbles more than you.

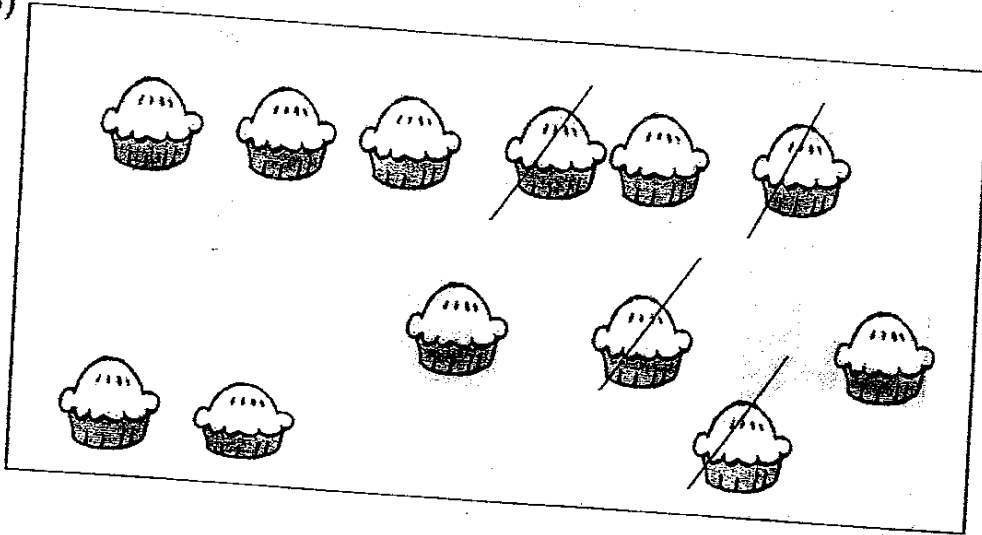
Roy

Which addition sentence below shows the marbles both of them have?

- 1) $20 + 6 = 26$
- 2) $20 - 6 = 14$
- 3) $26 + 6 = 32$
- 4) $32 - 6 = 26$

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8)

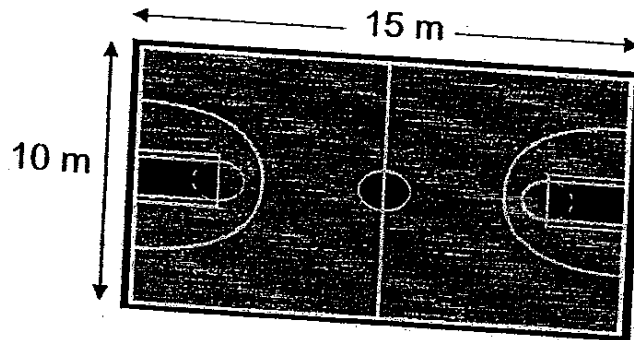


Choose a correct subtraction sentence for the above picture.

- 1) $7 - 3 = 4$
- 2) $7 - 4 = 3$
- 3) $12 - 4 = 8$
- 4) $12 - 5 = 7$

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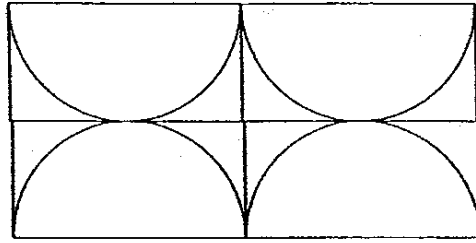
9) Jasmine walked round a basketball court of side 15 m by 10 m once. What was the total distance she had walked?



- 1) 15 m
- 2) 25 m
- 3) 50 m
- 4) 150 m

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10)



The above picture is made up of 4 semi-circles and rectangles.
How many quarter-circles can be formed from the above picture?

- 1) 16
- 2) 12
- 3) 8
- 4) 4

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11) What is the missing number below?

$$4 + 4 + 4 + 4 + 4 + 4 = 4 \times \underline{\quad}$$

- 1) 7
- 2) 6
- 3) 5
- 4) 4

()

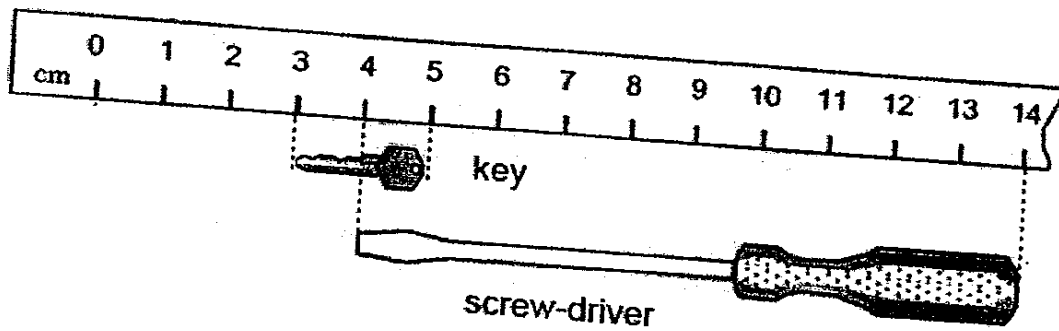
12) If $\square + \square + \square + \square = 16$,

then, $\square + \square + \square =$ _____

- 1) 14
- 2) 12
- 3) 3
- 4) 6

()

13) Study the diagram below carefully.



The screw-driver is _____ cm longer than the key.

- 1) 8 cm
- 2) 9 cm
- 3) 10 cm
- 4) 11 cm

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Section B (28 X 2 marks)

Write the correct answer for each sum in the boxes provided.

14) What is 10 more than the sum of 100 and 200?

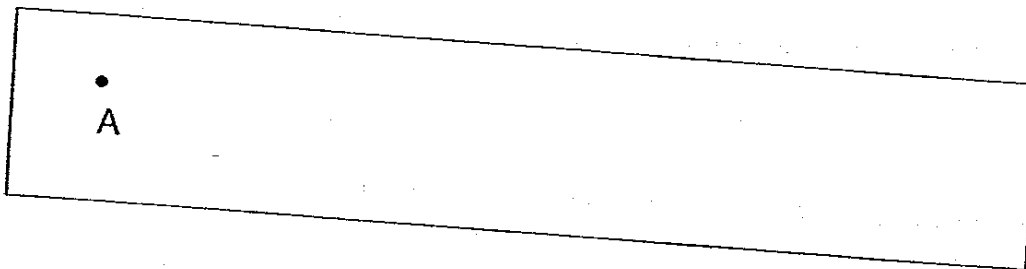
15) Fill in each box with the correct digit.

$$\begin{array}{r} 7 \quad \square \quad 3 \\ + 1 \quad 6 \quad 7 \\ \hline 8 \quad 9 \quad \square \\ \hline \end{array}$$

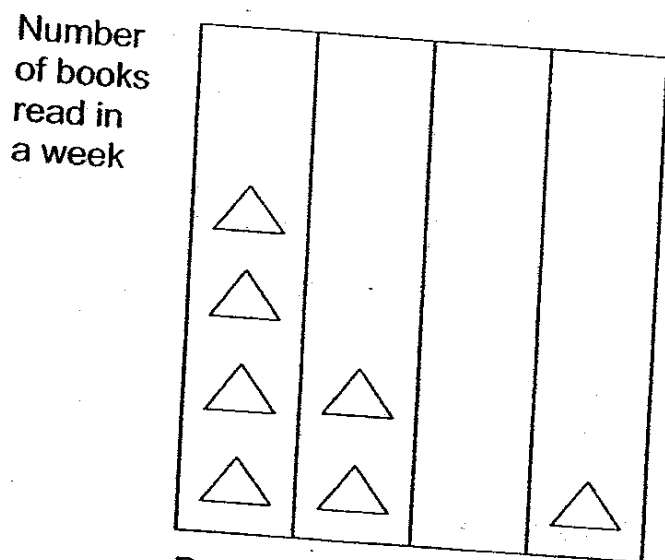
16) Fill in each box with the correct digit.

$$\begin{array}{r} 9 \quad 2 \quad 7 \\ - 3 \quad 0 \quad \square \\ \hline \square \quad 1 \quad 9 \\ \hline \end{array}$$

17) Draw and label a line from point A to B measuring 6 cm long in the box.



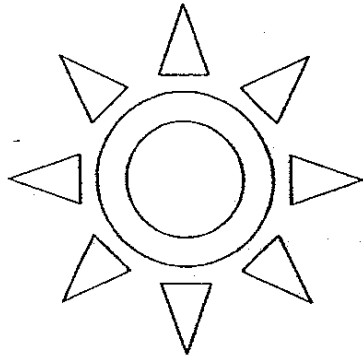
18) The graph below shows the number of books each child has read in a week. If Aini has read 9 books in a week, complete the graph below.



David Bala Aini Caili

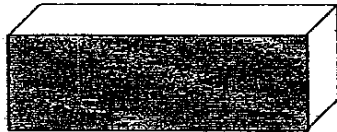
Each △ stands for 3 books

19) Fill in the blanks with the correct number.



The above shape is made of _____ straight lines
and _____ curved lines.

20)



Name the shape of the shaded face of the figure above.



21) Two twenty cents coins and _____ ten cents coins make \$1.

22) Arrange the following fractions from the smallest to the biggest

$\frac{1}{5}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$
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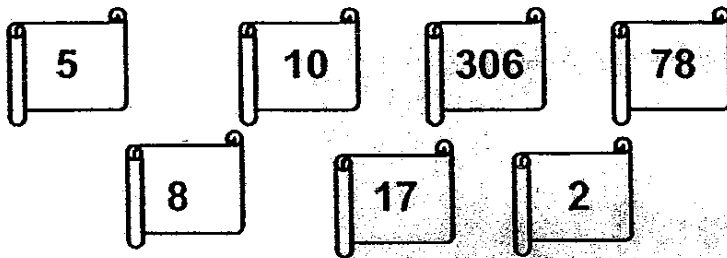
Smallest

23) 273 = 2 hundreds _____ tens 13 ones

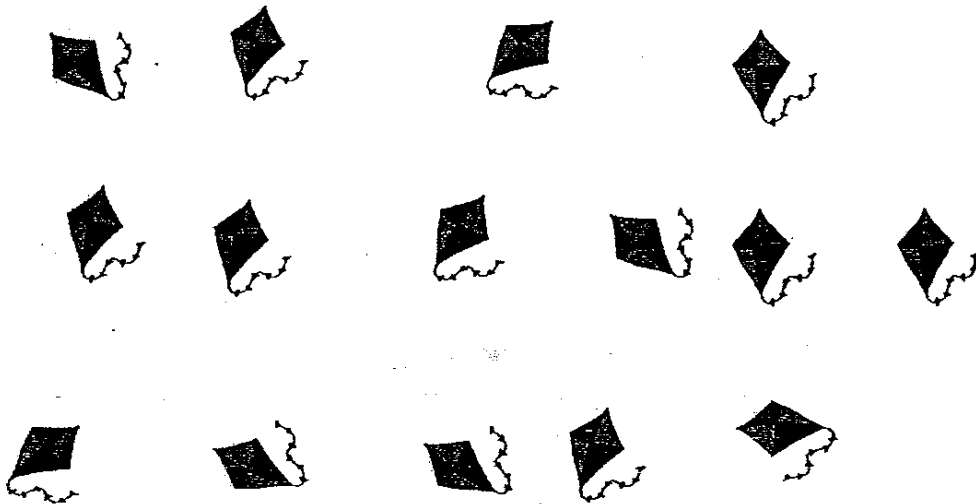
24) Complete the number sentence below.

$$+ 627 = 900$$

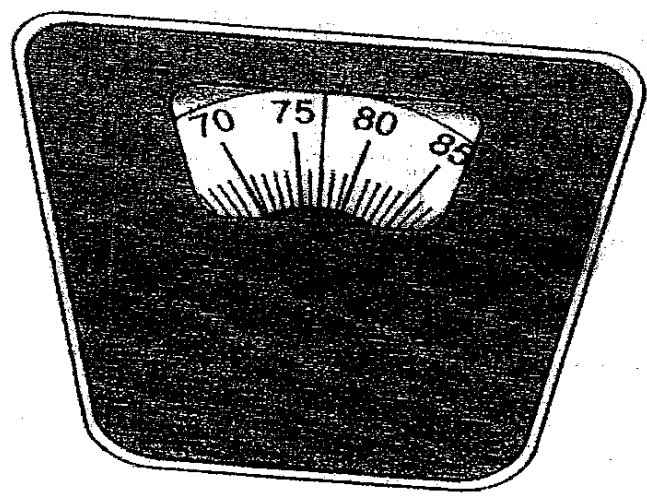
25) Find the sum of all the numbers below.



26) Ring the objects below into groups of five.



27) Alvin's weighing scale is faulty. The mass it shows is 8 kg heavier. What is Alvin's actual mass?

 kg

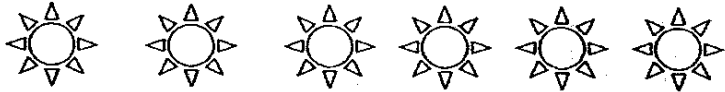

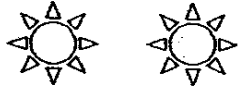
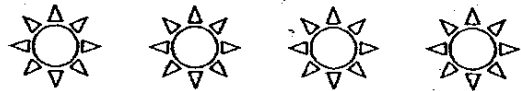

28) A container can hold 18 ℓ of orange juice. If the orange juice is poured fully into two empty jars of capacity 3 ℓ each, how many litres of juice will be left in the container?

 ℓ

29) Celina was given 30 minutes of recess time. If her recess ended at 10.20 a.m., what time did it start?

 a.m.

Study the graph carefully and answer Q30 and Q31.

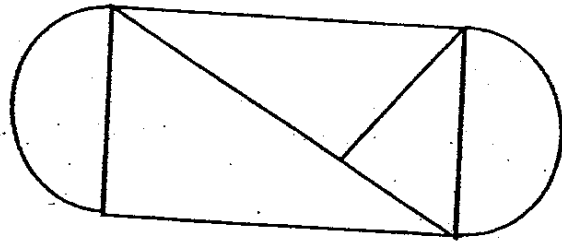
Amy	
Betty	
Cathy	
Daryl	
Each  stands for 5 stickers	

30) a) How many stickers does Betty have?

b) How many more stickers does Daryl have than Cathy?

31) How many stickers must Amy give to Cathy so that they will both have equal number of stickers?

32)



The above figure is made of _____ triangles and _____ semi-circles.

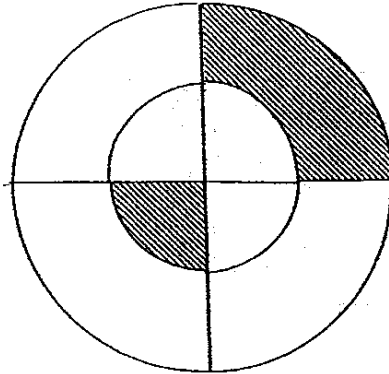
33) The table below shows the cost of notebooks and pens in a shop.

Notebooks	2 for \$5
Pens	3 for \$2

Doreen bought 2 notebooks and 6 pens.
If she gave the cashier a \$10 note, how much change would she get?

\$

34) What fraction of the figure below is shaded?

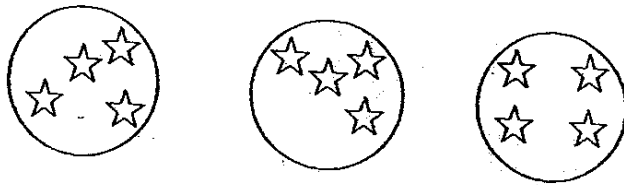


35) Fill in the blanks to complete the number pattern below:

164, 165, 167, _____, 174, 179, _____

36) A florist sold 140 stalks of roses in the morning.
He sold 60 more stalks in the afternoon than in the morning.
How many stalks did he sell altogether?

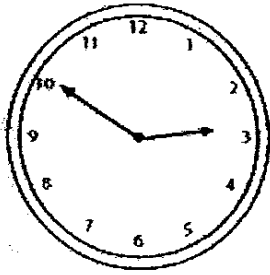
37) Write a multiplication sentence based on the picture below.



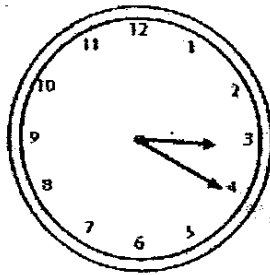
38) A cow has 4 legs and a chicken has 2 legs.
There are 5 cows and some chickens in a farm.
If there are 28 legs altogether, how many chickens are there in the farm?

39) A pizza was cut into 7 equal slices. John and Mary took a piece each.
What **fraction** of the pizza was left?

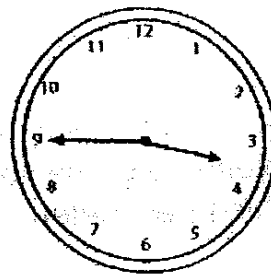
40) The clock below showed what Candy was doing in her school one afternoon. How long did the examination take?



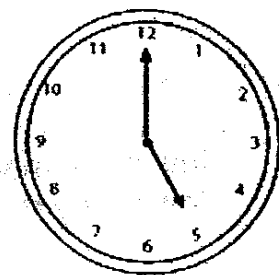
start of recess



end of recess



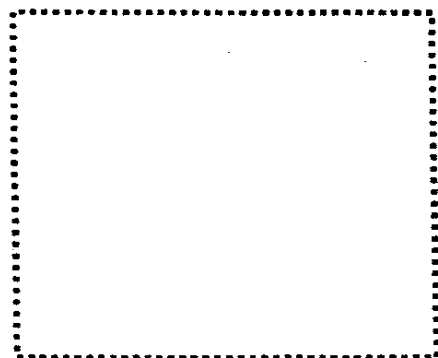
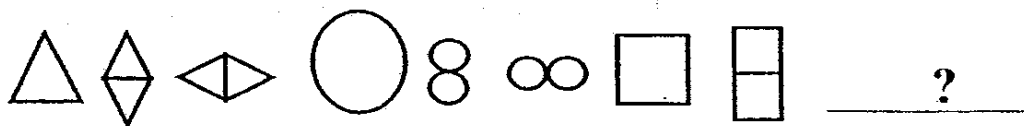
start of examination



end of examination

h	min
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41) Draw the next shape that would complete the pattern in the dotted box.



Section C (6 X 3 marks)

For question 42 to 47, show your working clearly in the space provided.

- 42) Helen had 4 bags of marbles.
There were 9 marbles in each bag.
She lost 7 marbles in a game later.
How many marbles had Helen left?

- 43) Kathy has 105 fewer beads than Jane.
Sally has 65 more beads than Jane.
If Jane has 305 beads, how many beads do they have altogether?

- 44) The table below shows the actual time bus number 171 will depart from Mayfield Bus Interchange to Bloomsville Bus Interchange .

Bus No.	Departure Time
171	9.00 a.m.
	9.25 a.m.
	10.00 a.m.
	10.30 a.m.
	11.00 a.m.
	11.50 a.m.

- a) If Kaixin reached the bus interchange at 10.10 a.m. how long must he wait before the next bus arrives? (1 mark)
- b) If Kaixin boarded the bus at 10 a.m. , he would reach his destination at 11.12 a.m.. How long did the journey take? (2 marks)

45) Miss Tan had 32 pearls. She gave $\frac{1}{4}$ of them to Hui Ling.

(a) How many pearls did Hui Ling receive? (1 mark)

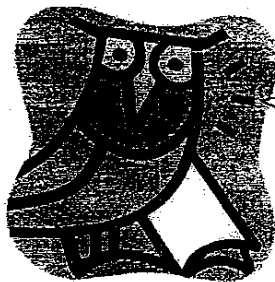
(b) Miss Tan gave $\frac{1}{2}$ of the remaining pearls to her two sisters.

How many pearls will each sister get? (2 marks)

46) Last year, Amy and Ben were of the same height.
This year Ben grew taller by 8 cm while Amy only grew by 5 cm.
If their total height is 253cm, what was Amy's height last year?

- 47) Nancy was given some money to buy wallets for her friends.
If she buys 2 wallets, she will have \$7 left.
If she wants to buy 3 wallets, she will be short of \$8.
How much does a wallet cost?
(You may draw a model to help you find the answer)

End of Paper



Please check your
work carefully!

Raffles Girl Primary School
Primary 2 Maths SA2 Exam (2006)

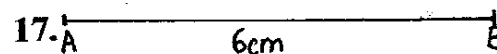
Answer Sheets

Q1	Q2	Q3	Q4	Q5
1	4	2	2	3
Q6	Q7	Q8	Q9	Q10
4	3	3	3	3
Q11	Q12	Q13		
2	2	1		

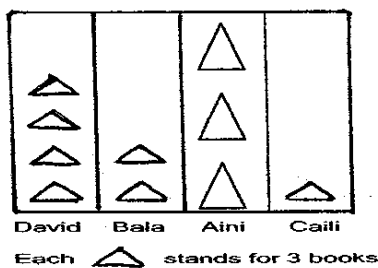
14. $200 + 100 + 10 = \underline{310}$

15. $723 + 167 = \underline{890}$

16. $927 - 308 = \underline{819}$



18. Number of books read in a week




19. **24 straight lines and 2 curved lines**

20. **rectangle**

21. $0.20¢ \times 2 = 0.40¢$
 $\$(1.00 - 0.40) = 0.60¢$
 $= \underline{6} \times 0.10¢$
 $= 0.60¢$

22. $\frac{1}{8}, \frac{1}{6}, \frac{1}{5}, \frac{1}{3}$

24. $900 - 627 = \underline{273}$

26. 

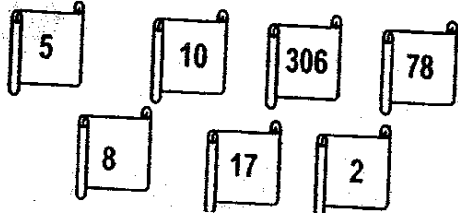
$15 \div 3 = 5$

28. $3\text{£} \times 2 = 6\text{£}$
 $18\text{£} - 6\text{£} = \underline{12\text{£}}$

30a. Betty = $3 \times 5 = \underline{15}$ stickers

31c. Amy = $6 \times 5 = 30$ stickers
 Cathy = $2 \times 5 = 10$ stickers
 $(30 - 10) = 20 \div 2 = \underline{10}$ stickers

23. $273 = 2$ hundreds six tens 13 ones

25. 

$306 + 78 + 17 + 10 + 8 + 5 + 2 = \underline{426}$

27. $77 \text{ kg} - 8 \text{ kg} = 69 \text{ kg}$

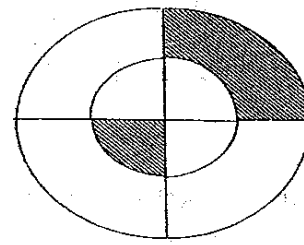
29. $10.20 - 30 = \underline{9.50 \text{ am}}$

31b. Daryl = $4 \times 5 = 20$ stickers
 Cathy = $2 \times 5 = 10$ stickers
 $(20 - 10)$ stickers
 Daryl has 10 stickers more

32. 3 triangles and 2 semicircles

33. Notebooks = 2 for \$5.00
 Pens = 3 for \$2.00
 6 pens = \$2.00 x 2 = \$4.00
 \$(10.00 - 5.00 = 4.00) = \$1.00

34.



$\frac{1}{4}$

35. 164, 165, 167, 170, 174, 179, 185

36. $140 + 60 = 200$

$200 + 140 = \underline{340 \text{ stalks altogether}}$

37.



$4 \times 3 = 12$

38.

Cow = $4 \times 5 = 20$

$(28 - 20) = 8 \div 2$

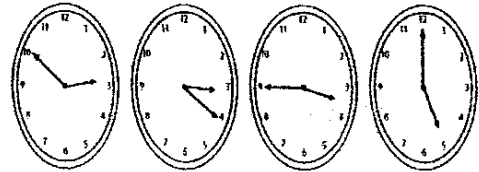
= 4 chickens

39.

John + Mary = $\frac{1}{7} + \frac{1}{7} = \frac{2}{7}$

$1 - \frac{2}{7} = \frac{7}{7} - \frac{2}{7} = \underline{\frac{5}{7}}$

40.



start of recess

end of recess

start of examination

end of examination

$1700\text{hrs} - 1545 = \underline{1\text{hr } 45\text{mins}}$

41.



42. $4 \times 9 = 36$ marbles
 $36 - 9 = 27$ marbles

Helen had 27 marbles left.

43. Kathy = $(305 - 105) = 200$ beads
Sally = $(305 + 65) = 370$ beads
 $(305 + 200 + 370) = 875$ beads

They have 875 beads altogether.

44a. $(10.30\text{am} - 10.10\text{am}) = 20\text{mins}$

He waits 20 minutes for the next bus arrives.

44b. $(11.00\text{am} - 10.00\text{am}) = 1\text{hr}$

$11.12\text{am to } 10.00\text{am} = 1\text{ hour } 12\text{ minutes}$

The journey took 1 hour and 12 minutes.

45a. $\frac{1}{4} = 1$ unit

$\frac{4}{4} = 4$ units

4 units = 32 pearls

1 unit = 8 pearls

Hui Ling received 8 pearls.

45b. $(32 - 8) = 24$ pearls left.

$24 \div 2 = 12$ pearls

Each sister received 12 pearls.

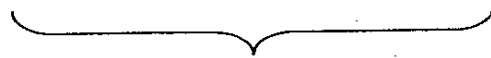
46. $(8 - 5)\text{cm} = 3\text{cm}$

$253 \div 3 = 125\text{cm}$

last year Amy's height is 125cm

47.

2 wallets	\$7.00	\$8.00
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3 wallets

$3 - 2 = 1 \text{ wallet}$

1 wallet = $\$(7.00 + 8.00)$

= $\$15.00$

A wallet cost $\$15.00$