



NANYANG PRIMARY SCHOOL

**SECOND SEMESTRAL EXAMINATION
2011**

**PRIMARY 2
MATHEMATICS**

DURATION: 1 HOUR 30 MINUTES

Section A	/ 40
Section B	/ 40
Section C	/ 20

Total:	/ 100
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Name: _____ ()

Class: Primary 2 ()

Date: 1st November 2011

Parent's Signature: _____

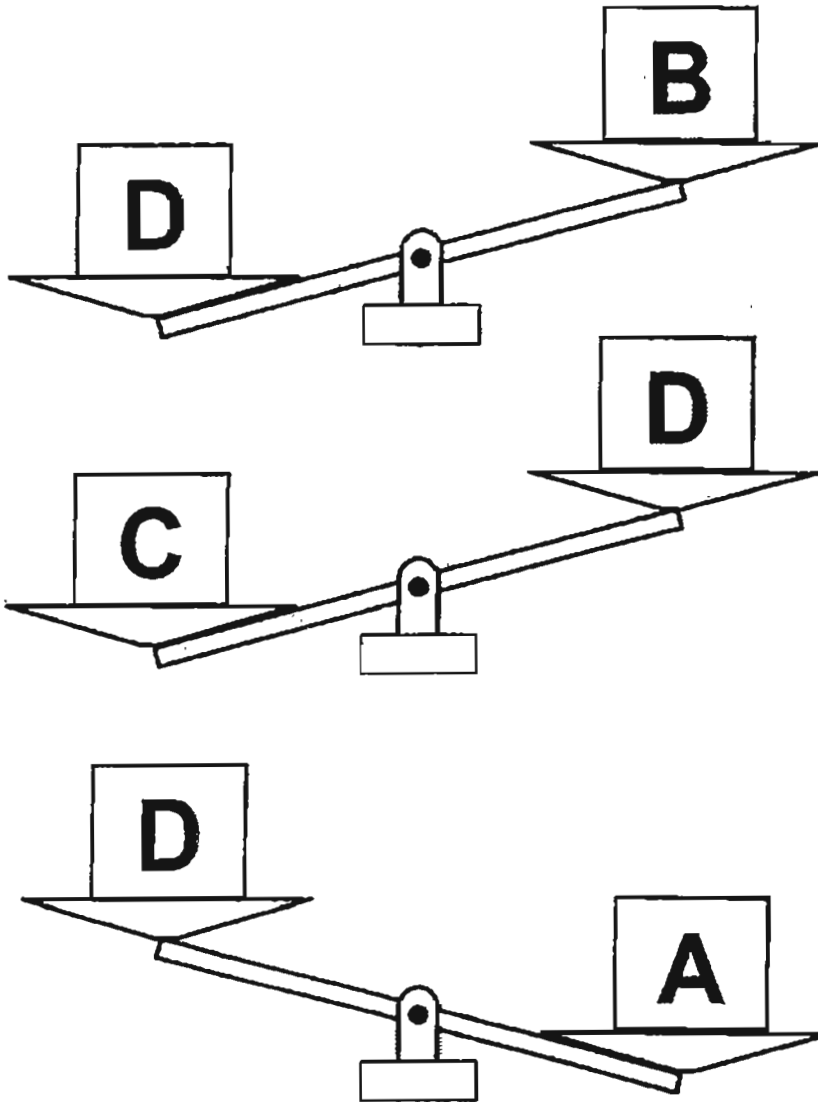
DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.



5. Which of the following mass is the lightest?



(1) A
(3) C

(2) B
(4) D

()

6. Which of the following represents the diagram below?



(1) 4 twos
(3) $2 \times 2 \times 2 \times 2$

(2) $4 + 2$
(4) $4 \div 2$

()

7. Each box contains 10 pencils.
How many pencils are there in 5 such boxes?

- | | | |
|--------|--------|-----|
| (1) 5 | (2) 2 | () |
| (3) 15 | (4) 50 | () |

8. A florist packed 32 stalks of roses equally into 4 baskets.
How many stalks of roses were there in each basket?

- | | | |
|--------|--------|-----|
| (1) 7 | (2) 8 | () |
| (3) 28 | (4) 36 | () |

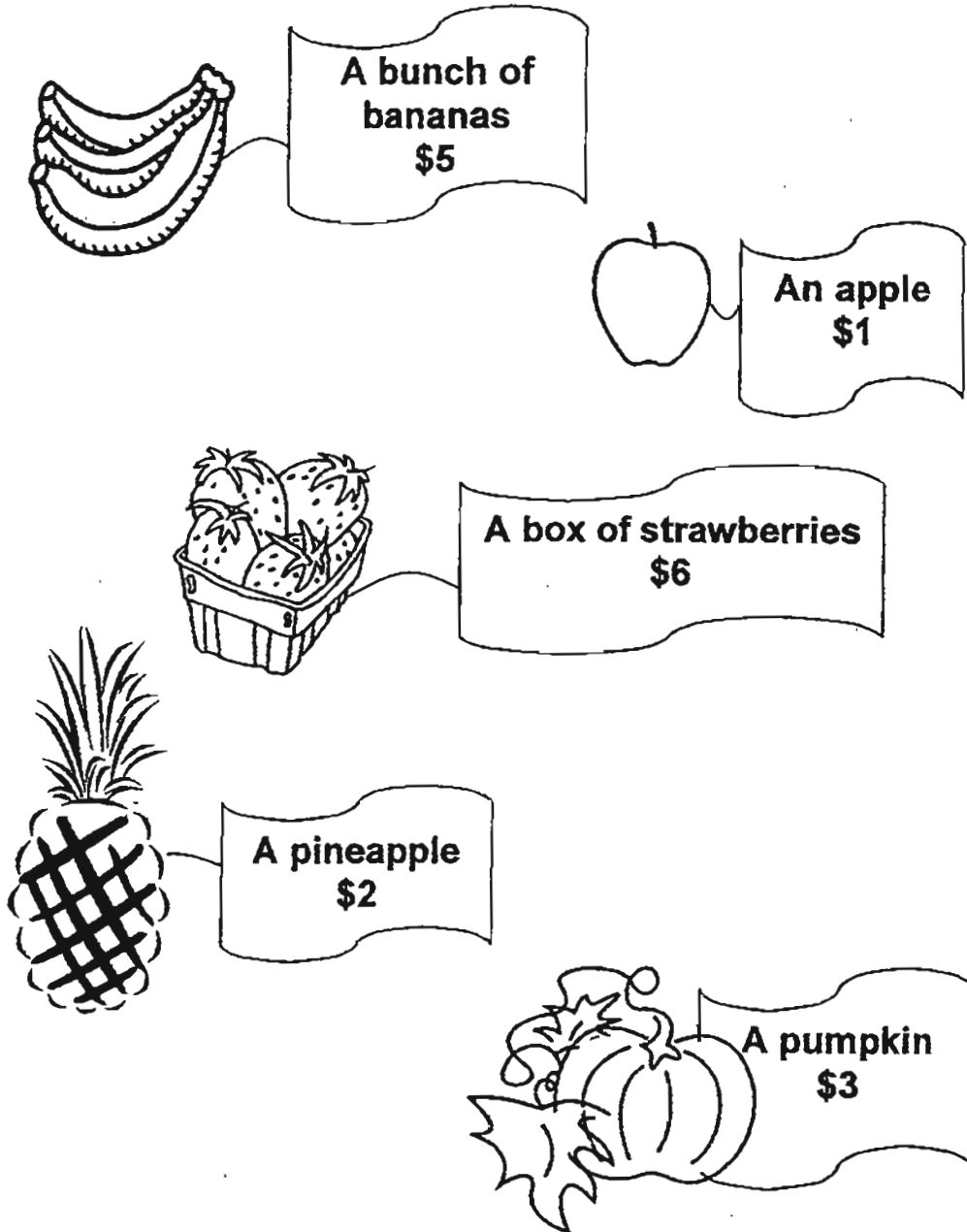
9. Alice bought 3 trays of eggs.
Each tray had 8 eggs.
She used 5 eggs.
How many eggs were left?

- | | | |
|--------|--------|-----|
| (1) 16 | (2) 19 | () |
| (3) 24 | (4) 29 | () |

10. Glen bought a toy robot.
He gave the cashier two \$50 notes and got back \$37.
How much did the toy robot cost?

- | | | |
|----------|-----------|-----|
| (1) \$13 | (2) \$63 | () |
| (3) \$73 | (4) \$137 | () |

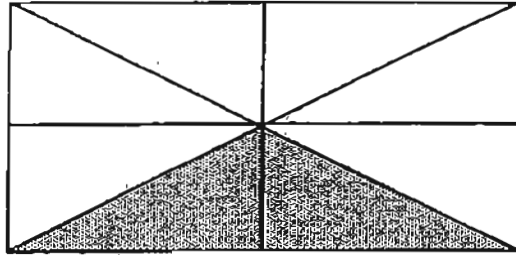
11. Ming Ming had \$10.
She bought 3 of the fruits as shown below and had \$2 left.
Which were the 3 fruits that she bought?



- (1) Apple, Bananas, Pumpkin
- (2) Apple, Strawberries, Pumpkin
- (3) Apple, Strawberries, Pineapple
- (4) Apple, Bananas, Pineapple

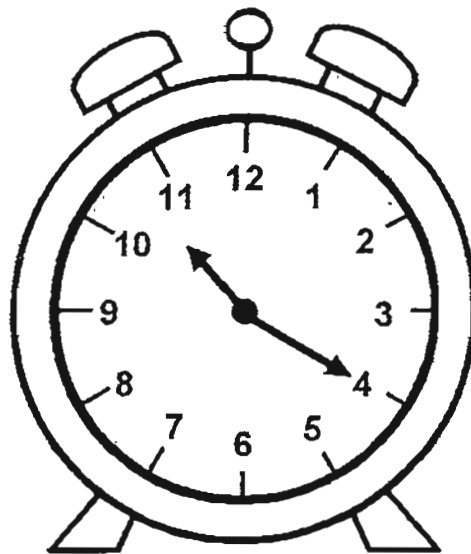
()

12. What fraction of the figure below is shaded?



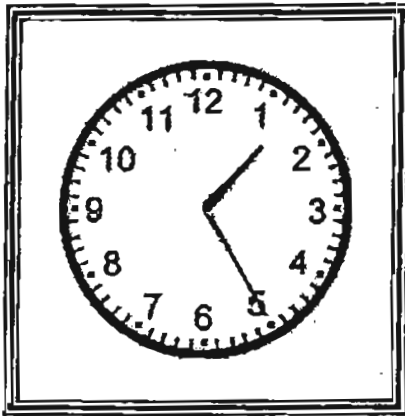
- (1) Eight halves (2) Six eighths
(3) Two eighths (4) Two sixths ()

13. What is the time shown on the alarm clock?

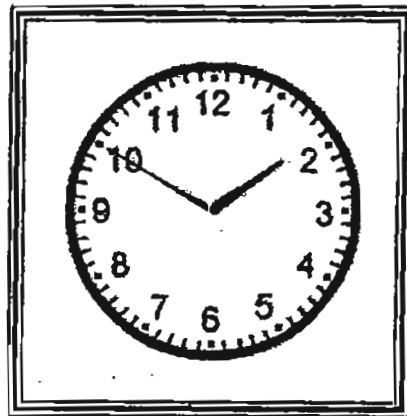


- (1) 10.04 a.m. (2) 10.20 a.m.
(3) 11.04 a.m. (4) 11.20 a.m. ()

14. The first clock below shows the time Kenny started drawing. The second clock shows the time he ended. How long did Kenny draw?



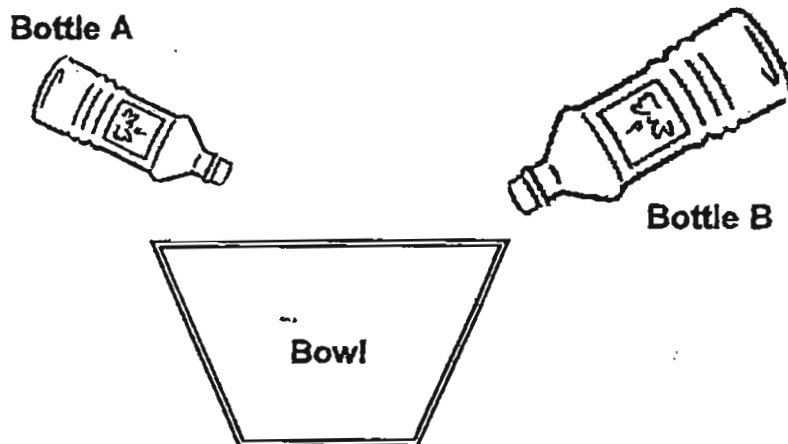
START



END

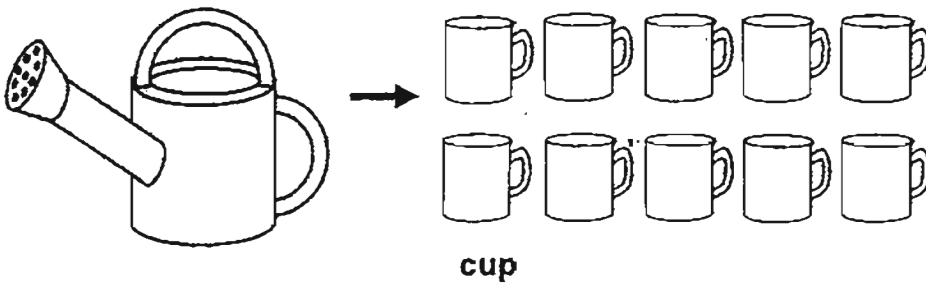
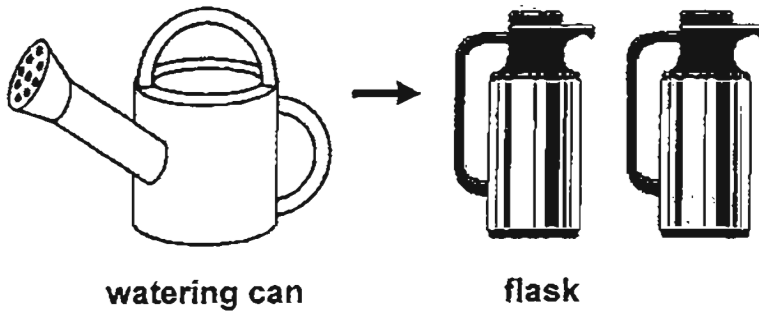
- (1) 5 minutes (2) 25 minutes
 (3) 30 minutes (4) 50 minutes ()

15. Randy pours all the water from Bottle A and Bottle B into an empty bowl.
 Bottle A contains 285 ml of water.
 Bottle B contains twice the volume of water in Bottle A.
 What is the volume of water in the bowl at the end?



- (1) 570 ml (2) 755 ml
 (3) 774 ml (4) 855 ml ()

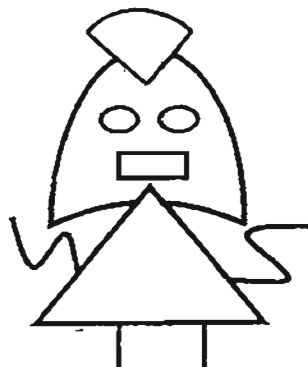
16. Study the diagrams below.



How many cups of water can both the watering can and the flask hold?

- (1) 5 (2) 10
(3) 15 (4) 20 ()

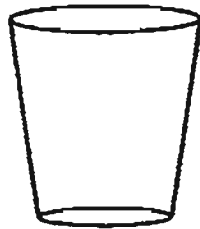
17. There are _____ more straight lines than curved lines in the figure below.



- (1) 1 (2) 2
(3) 3 (4) 4 ()

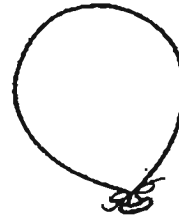
18. Which one of these objects has both flat and curved surfaces?

(1)



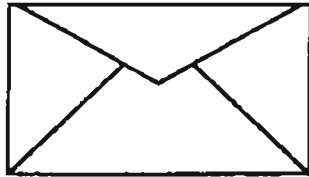
a glass

(2)



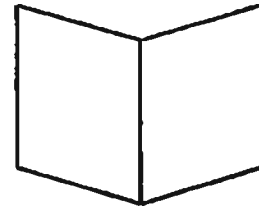
a balloon

(3)



an envelope

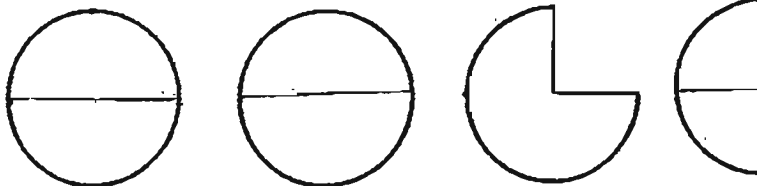
(4)



a greeting card

()

19. Study the figures given below.
How many quarter circles can you find?

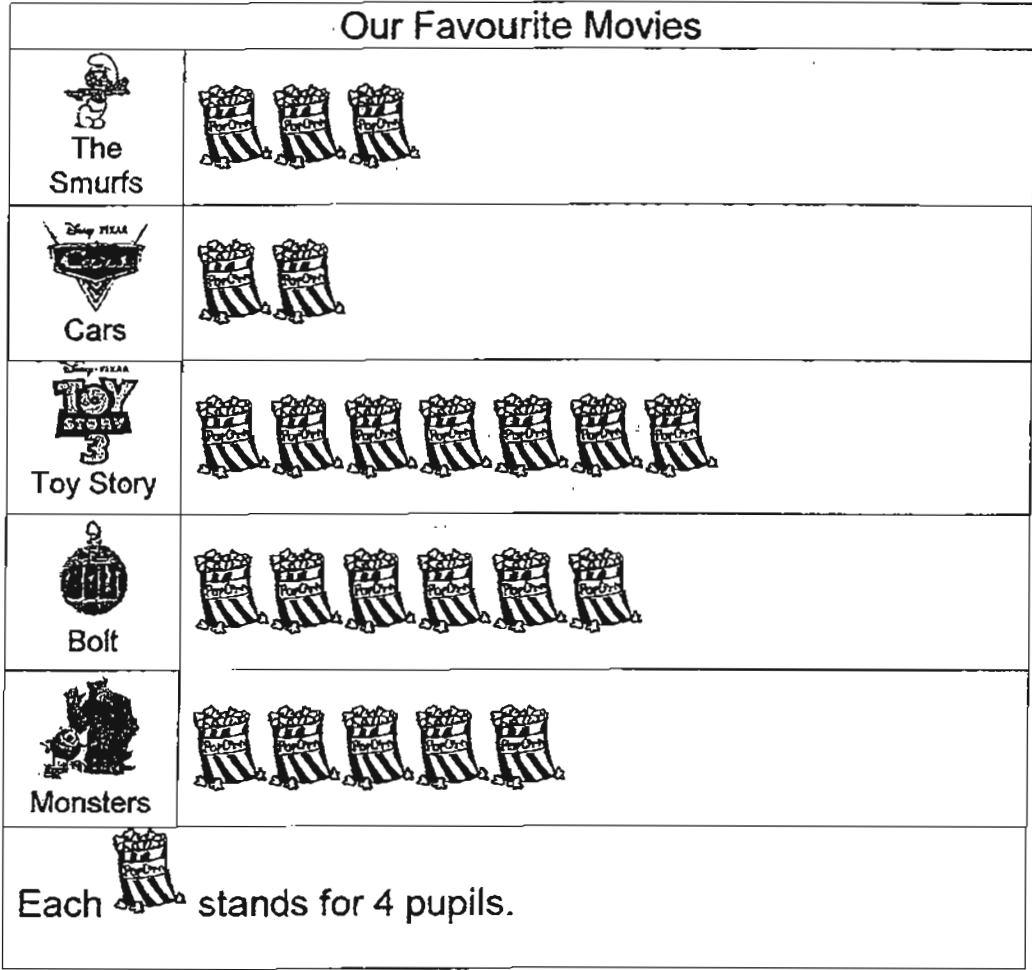


(1) 6
(3) 14

(2) 13
(4) 28

()

20. Mrs Lim carried out a survey to find out the favourite movies of some Primary 2 pupils.
 She made a picture graph to show their results.
 Study the picture graph below and answer the following question.



A total of 36 pupils like to watch _____ and _____.

- (1) Cars, Bolt
- (2) Cars, Toy Story
- (3) The Smurfs, Monsters
- (4) The Smurfs, Toy Story

()

Section B

Questions 21 to 40 carry 2 marks each.

Write your answers in the spaces provided.

Give your answer in the units stated.

(Total: 40 marks)

21. Write 248 in words.

22. 562 is _____ more than 244.

Answer : _____

23. During a charity drive, Class 2A donated 259 toys and Class 2B donated 347 toys.
How many toys were collected in total?

Answer : _____

24. Veena lost her puppy.
She made 506 posters to look for her puppy.
After giving out some posters to the passers-by, she had 387 posters left.
How many posters did she give out?

Answer : _____

25. Janice had a piece of string.
After cutting 3 equal pieces of 6 cm each, she had 9 cm of string left.
How long was the string at first?







Answer : _____ cm

26. The mass of Parcel A is 614 g.
The mass of Parcel B is 386 g heavier than Parcel A.
What is the mass of Parcel B?

Answer : _____ g

27. Valerie had 3 boxes.
She put 7 cookies into each box and had no cookies left.
How many cookies did she have at first?

Answer : _____

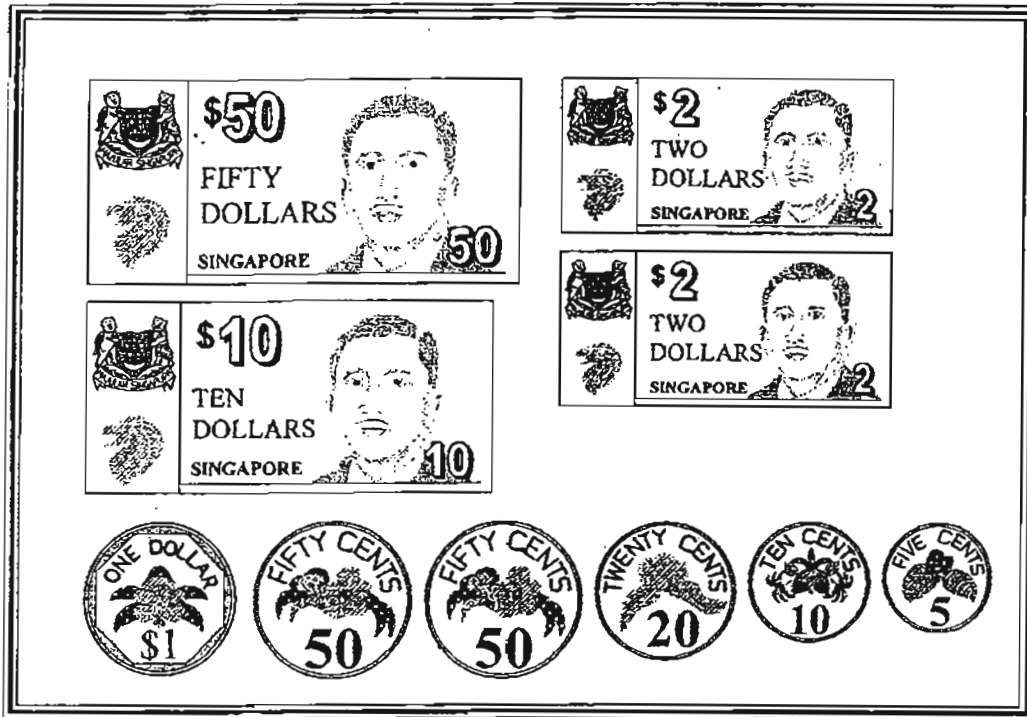
28. If  stands for 5,
what does      stand for?

Answer : _____

29. Fatimah had \$30.
After buying 4 fish burgers, she had \$14 left.
How much did each fish burger cost?

Answer : \$ _____

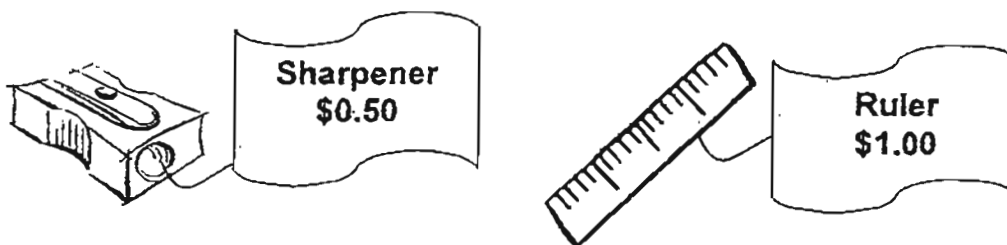
30. The diagram below shows the amount of money in Bryan's wallet.



How much money does he have?

Answer : \$ _____

31. After buying 2 sharpeners and a ruler, Wally had \$4 left. How much money did he have at first? Leave your answer in cents.



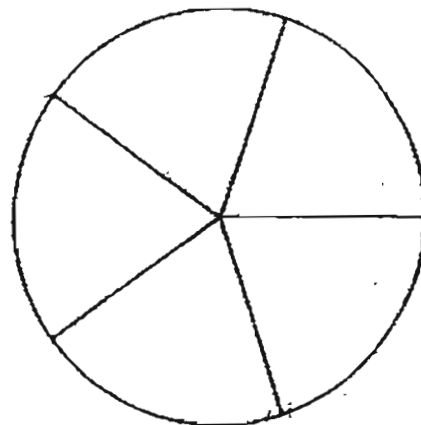
Answer : _____ ¢

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

$$\frac{4}{9}, \frac{2}{9}, \frac{8}{9}, \frac{5}{9}$$

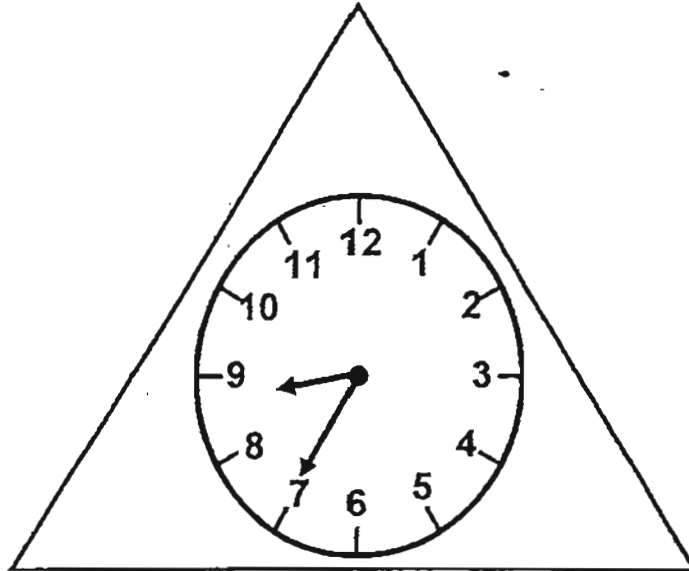
_____ , _____ , _____ , _____
Smallest , , , Greatest

33. Xiao Wei cut a cake into 5 equal pieces as shown below.
She gave away $\frac{1}{5}$ of the cake and ate 2 slices of the cake.
What fraction of the cake was left?



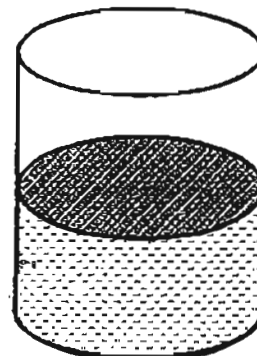
Answer : _____

34. The clock below shows the time Ziyang started her P.E. lesson.
Her P.E. lesson lasted for 30 minutes.
When ~~did~~ did her P.E. lesson end?



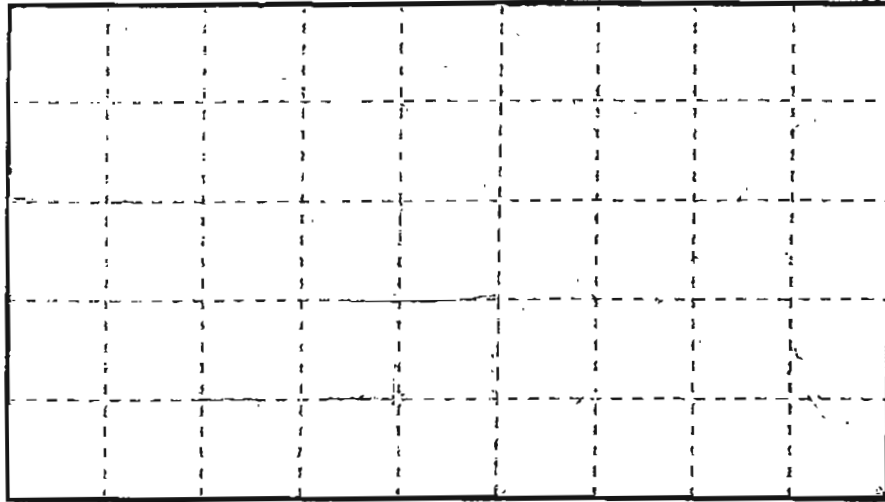
Answer : _____ a.m.

35. After Darren poured 16ℓ of water into a container, it became half full.
What is the volume of the container if it was filled to the brim with water?

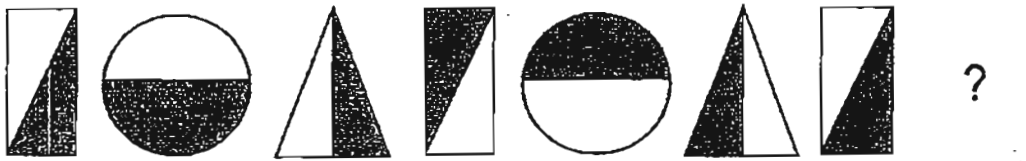


Answer : _____ ℓ

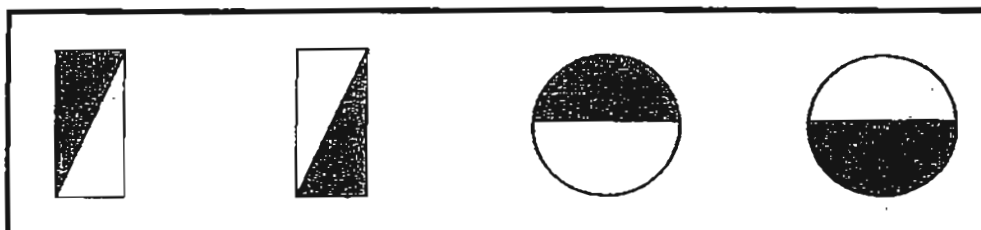
36. Using only 3 straight lines, draw within the rectangle below showing only 1 square and 4 triangles.



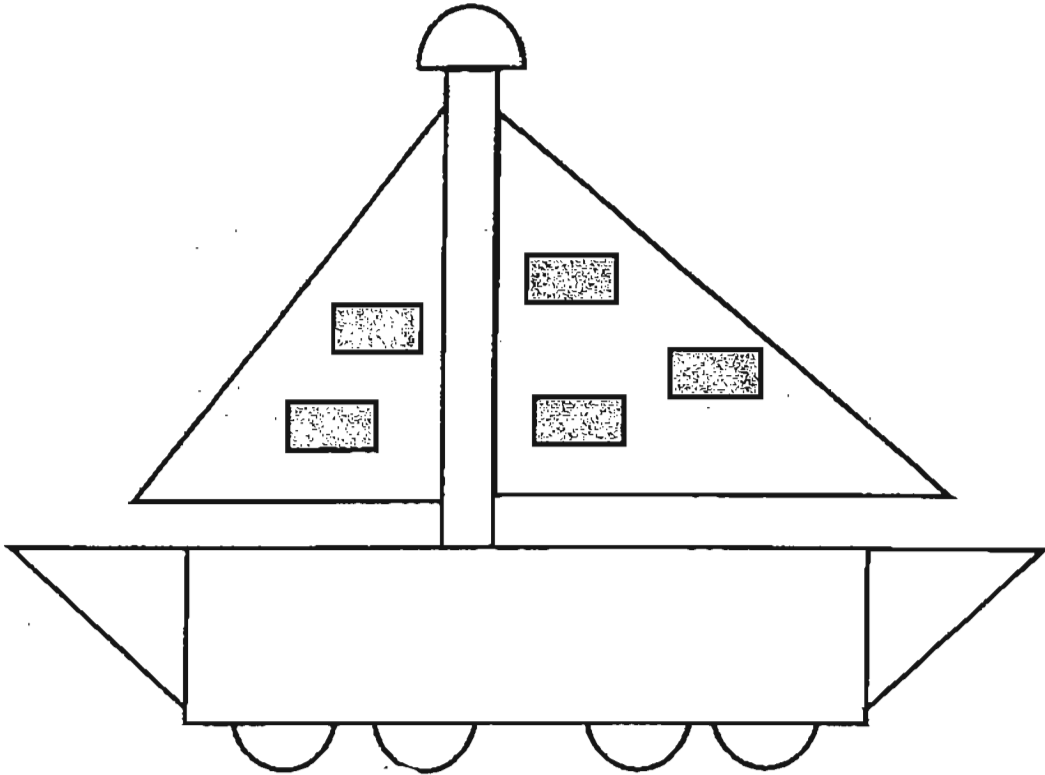
37. Study the pattern below.
What is the shape that comes next?



In the box below, circle the shape that comes next.



38. The figure below is made up of different shapes.
How many more rectangles than triangles are there?

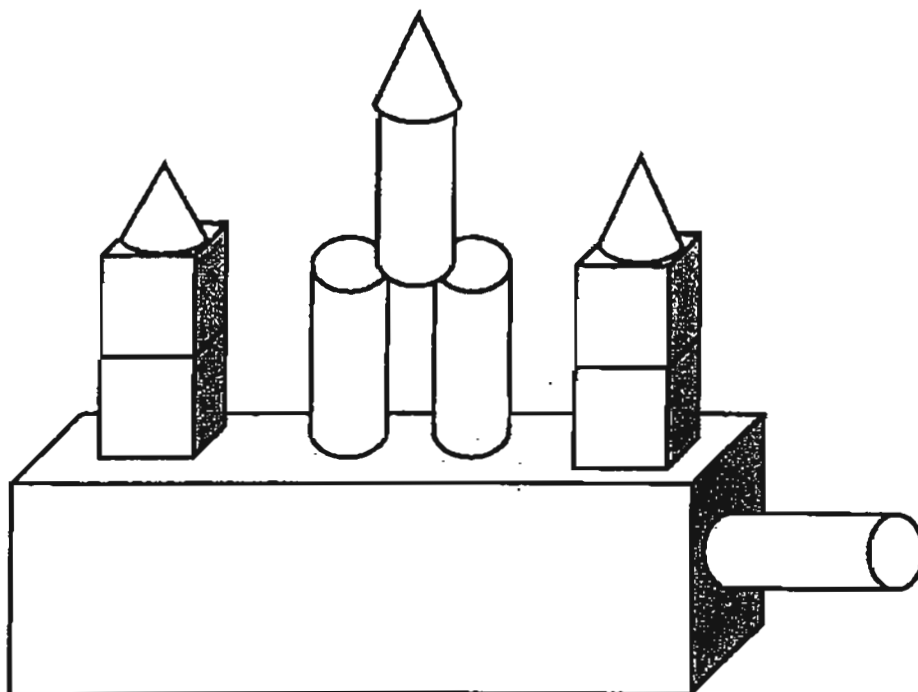



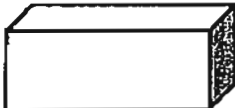


Answer : _____

39. Dora is shorter than Colin.
Jean is taller than Colin.
Leon is taller than Colin but shorter than Jean.
Who is the tallest child?

Answer : _____

40. Fill in the number of solids used to make the figure below.



Solids	Number of Solids
	
	
	
	

Section C

Questions 41 to 45 carry 4 marks each.

Do these word problems carefully.

Show your working clearly in the space provided for each question.

(Total: 20 marks)

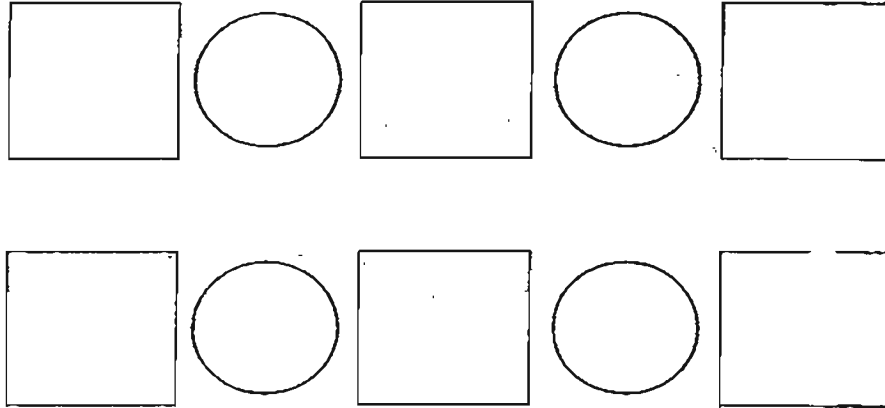
41. Nick sold 186 badges.
James sold 29 more badges than Nick.
How many badges did they sell altogether?

They sold _____ badges altogether.

42. Ai Ting needs 2 kg of chocolate to decorate a cake.
She wants to decorate 6 cakes.
The mass of each packet of chocolate is 4 kg.
How many packets of chocolate does she need?

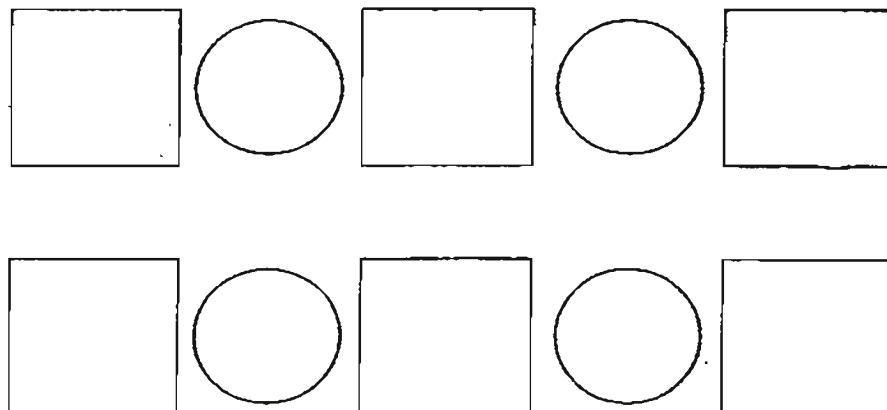
She needs _____ packets of chocolate.

43. Charlene has 2 bags.
Each bag contains 5 sacks of rice.
If the mass of each sack of rice is 6 kg, what is the total mass of the sacks of rice?



The total mass of the sacks of rice is _____ kg.

44. Ali wants to buy a chair and a cupboard.
The chair costs \$23 and the cupboard costs \$84.
He does not have enough money and needs \$59 more.
How much money does Ali have?

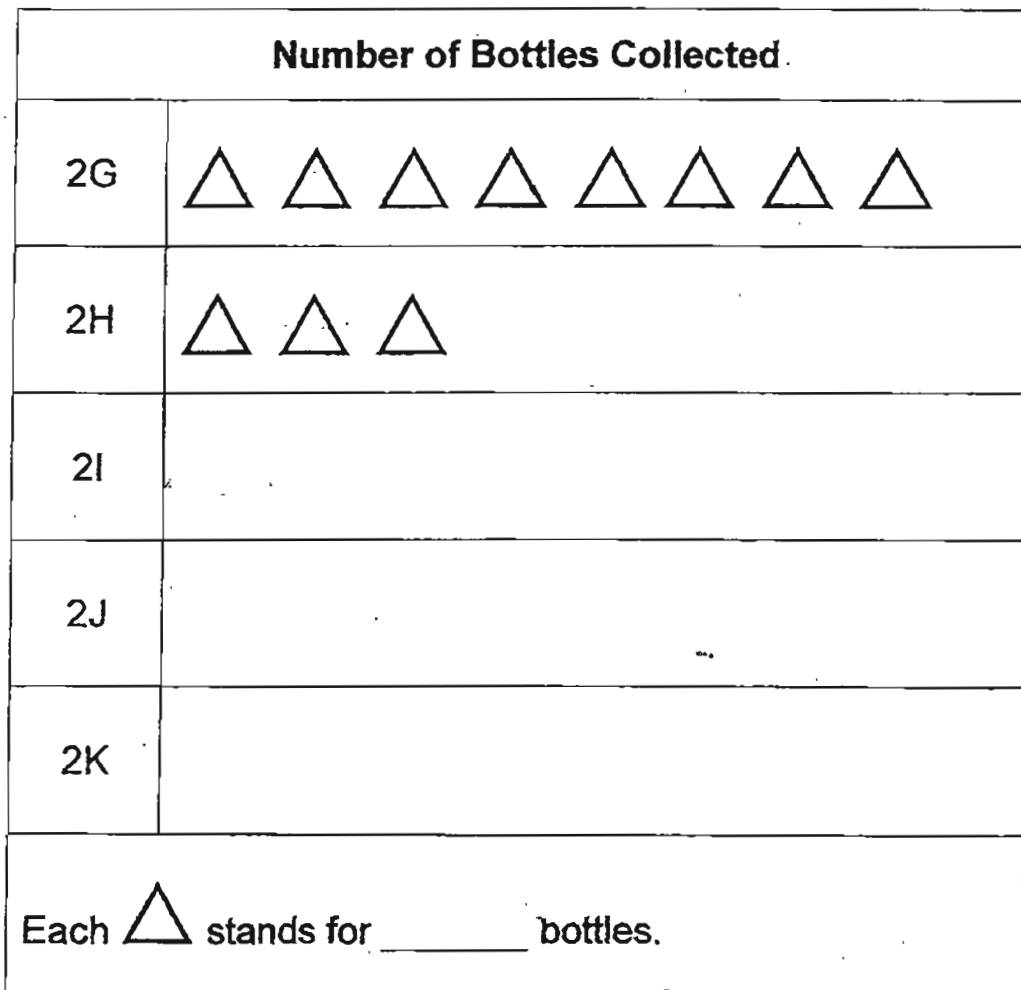


Ali has \$ _____

45. The table and picture graph below show the number of bottles collected by the different classes for the Recycling Project.

Class	Number of Bottles Collected
2G	24
2H	9
2I	15
2J	21
2K	27

The first two classes have been done for you. Complete the picture graph below.





Answer Ke

EXAM PAPER 2011

SCHOOL : NANYANG

SUBJECT : PRIMARY 2 MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
3	4	1	1	2	1	4	2	2	2	4	3	2	2	4	3	2

Q18	Q19	Q20
1	2	2

21) Two hundred and forty-eight

22) 318

23) 606

24) 119

25) 27cm

26) 1000g

27) 21

28) 25

29) \$4

30) \$66.35

31) 600c

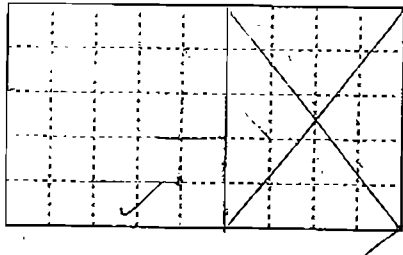
32) $\frac{2}{9}, \frac{4}{9}, \frac{5}{9}, \frac{8}{9}$

33) $\frac{2}{5}$

34) 9.05

35) 32L

36)



37)



38) 3

39) Jean

40) 4 1 4 3

41) $186 + 29 = 215$

$215 + 186 = 401$

They sold 401 badges altogether.

42) $6 \times 2\text{kg} = 12\text{kg}$

$12\text{kg} \div 4\text{kg} = 3$

She needs 3 packets of chocolate.

43) $6\text{kg} \times 5 = 30\text{kg}$

$2 \times 30\text{kg} = 60\text{kg}$

The total mass of the sacks of rice is 60kg.

44) $\$23 + \$84 = \$107$

$\$107 - \$59 = \$48$

Ali has \$48 .

45) 2I $\triangle\triangle\triangle\triangle\triangle$

2J $\triangle\triangle\triangle\triangle\triangle\triangle\triangle$

2K $\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle\triangle$

Each \triangle stands for 3 bottles.