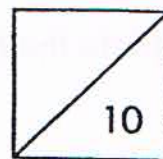


**Ai Tong School**  
**Primary One Mathematics**  
**Shapes and Patterns**



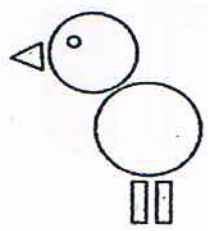
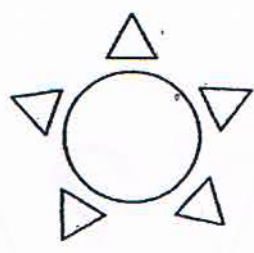
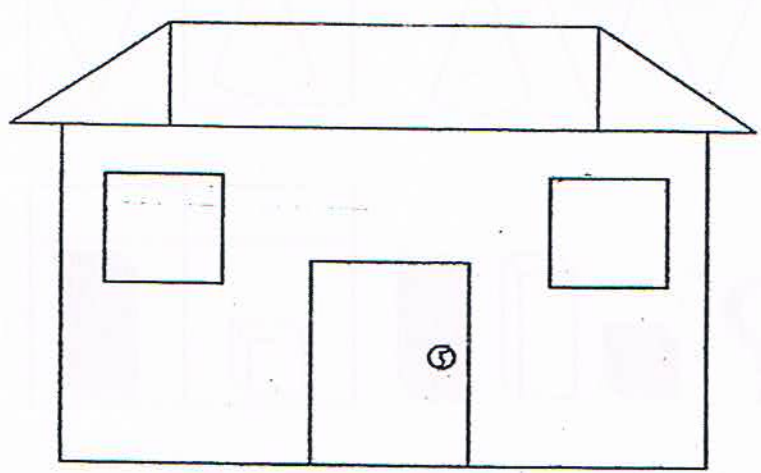
Name: \_\_\_\_\_ (     )

Class : 1 (     )

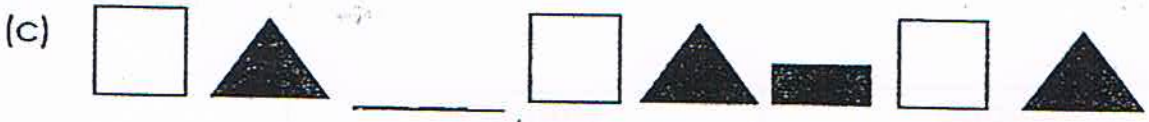
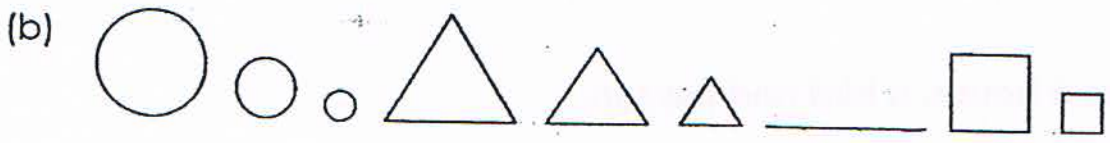
Date: \_\_\_\_\_

1. The picture shows a house, a bird and the sun.  
 How many of each shape make up the picture?  
 Write the number in the box. (4 marks)

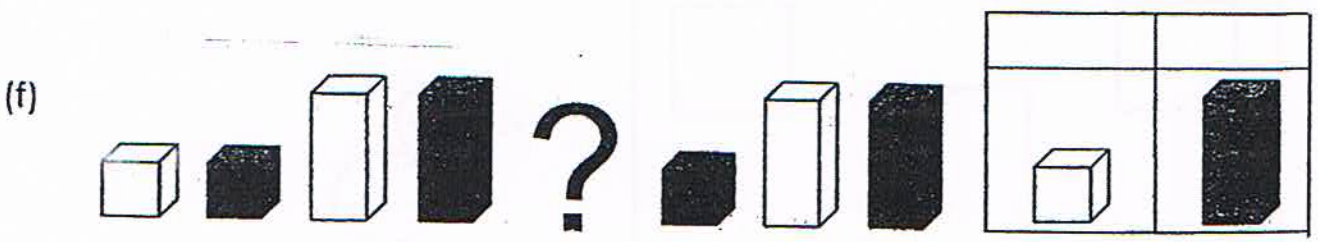
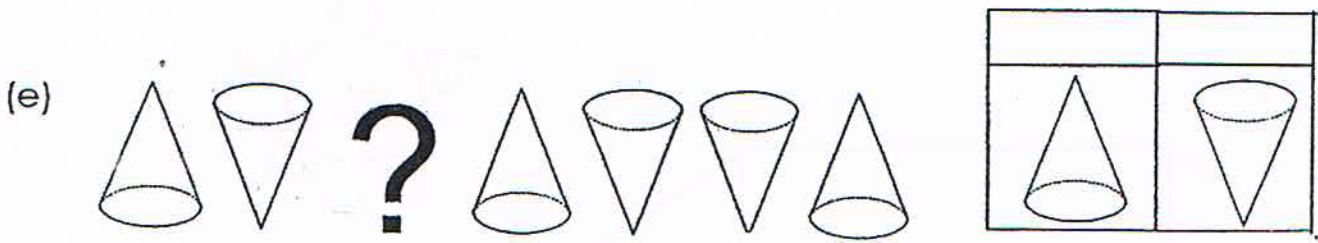
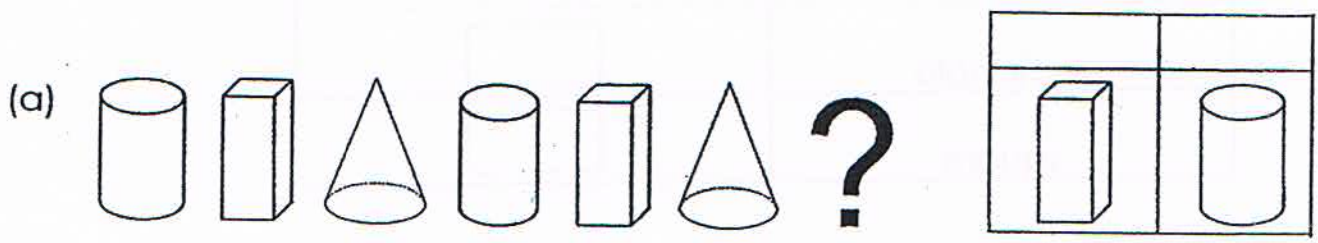
Shape	Number
triangle	<input style="width: 50px; height: 20px;" type="text"/>
circle	<input style="width: 50px; height: 20px;" type="text"/>
rectangle	<input style="width: 50px; height: 20px;" type="text"/>
square	<input style="width: 50px; height: 20px;" type="text"/>



2. Complete the following patterns. (3 marks)

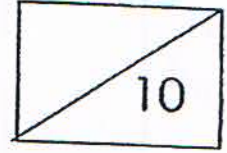


3. Which is the missing shape? Put a tick in the correct box. (3 marks)



Have you checked your work carefully? 😊

Ai Tong School  
Primary One Mathematics  
Numbers to 20



Name: \_\_\_\_\_ ( ) Date: \_\_\_\_\_

Class: Pr. 1 ( ) Parent's Signature: \_\_\_\_\_

1. Count the ants and write the number in the box and the number word in the blank. (2 marks)

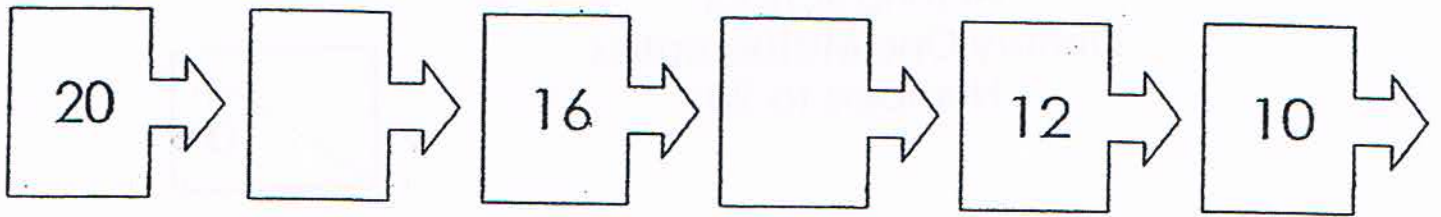


(a)

(b)

\_\_\_\_\_ ants

2. Complete the number pattern. (1 mark)



3. Fill in the blanks with two of the numbers shown to make a correct sentence. (1 mark)

15

20

11

\_\_\_\_\_ is **greater** than \_\_\_\_\_.

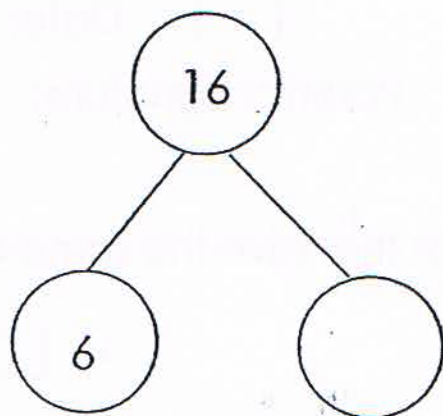
4. Arrange the numbers in order. Begin with the **greatest**. (1 mark)

15	10
12	
13	14

,  ,  ,  ,   
**greatest**



5. Look at the number bond and fill in the missing number. (1 mark)



Fill in the blanks with the correct numbers. (4 marks)

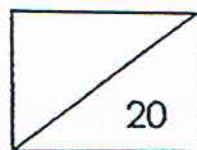
6. 1 ten 7 ones = \_\_\_\_\_

7. 1 ten \_\_\_\_\_ ones = 15

8. 14 = \_\_\_\_\_ ten \_\_\_\_\_ ones

9. 20 = \_\_\_\_\_ tens \_\_\_\_\_ ones

Have you checked your work? 😊



Name: \_\_\_\_\_ ( ) Date: \_\_\_\_\_

Class : Pr. 1 \_\_\_\_\_ Parent's signature: \_\_\_\_\_

Section A (10 marks)

Match the number sentences ~~that give the same answer.~~ <sup>to</sup> (5 marks)

1.  $4 + 9$  • •  $17$

2.  $15 - 8$  • •  $16$

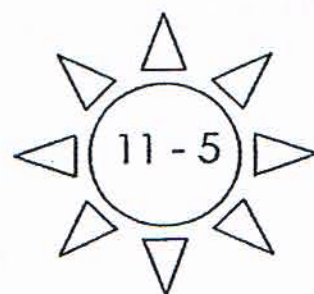
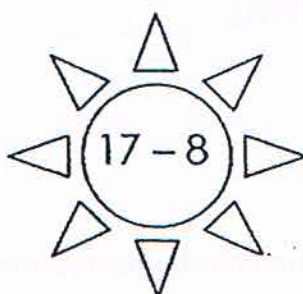
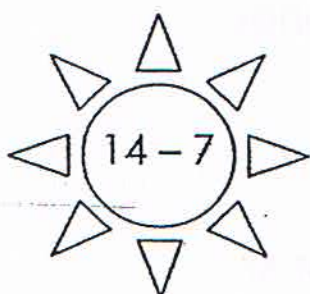
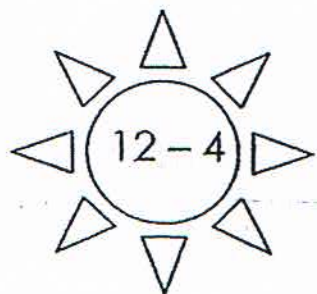
3.  $13 + 4$  • •  $13$

4.  $20 - 8$  • •  $12$

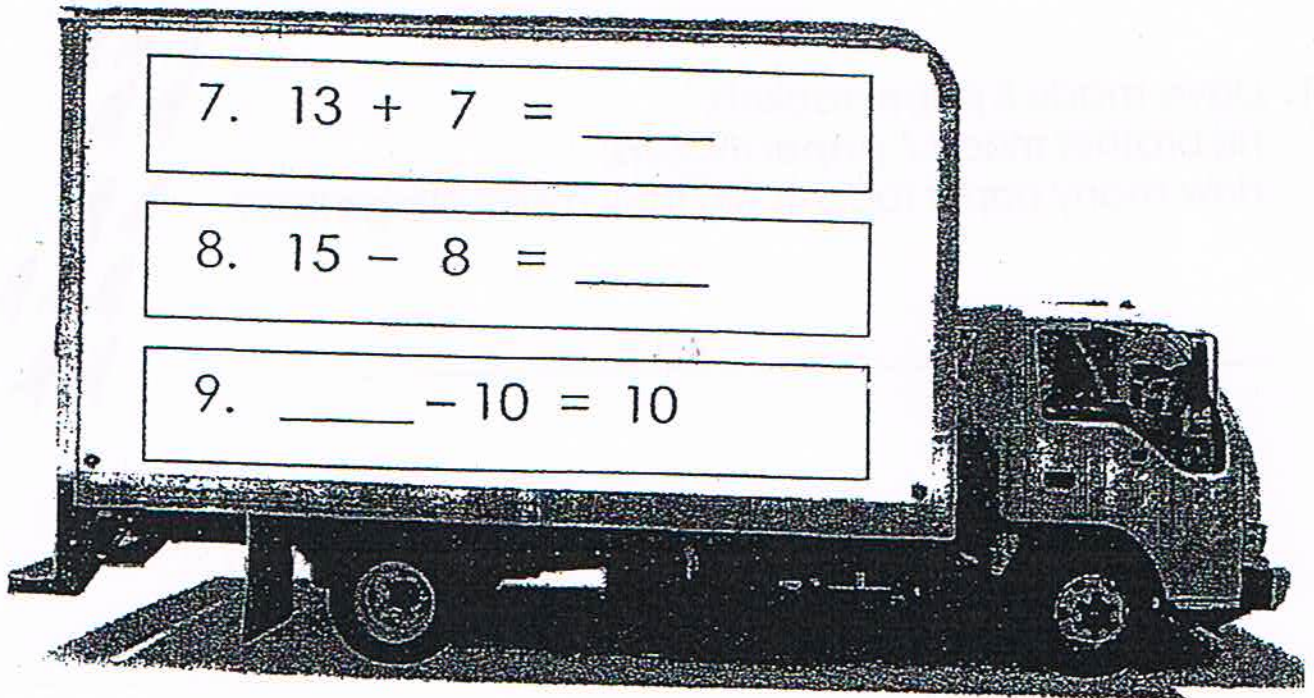
5.  $9 + 7$  • •  $7$

6. Which one gives an answer more than 8?

Cross (X) it. (1 mark)

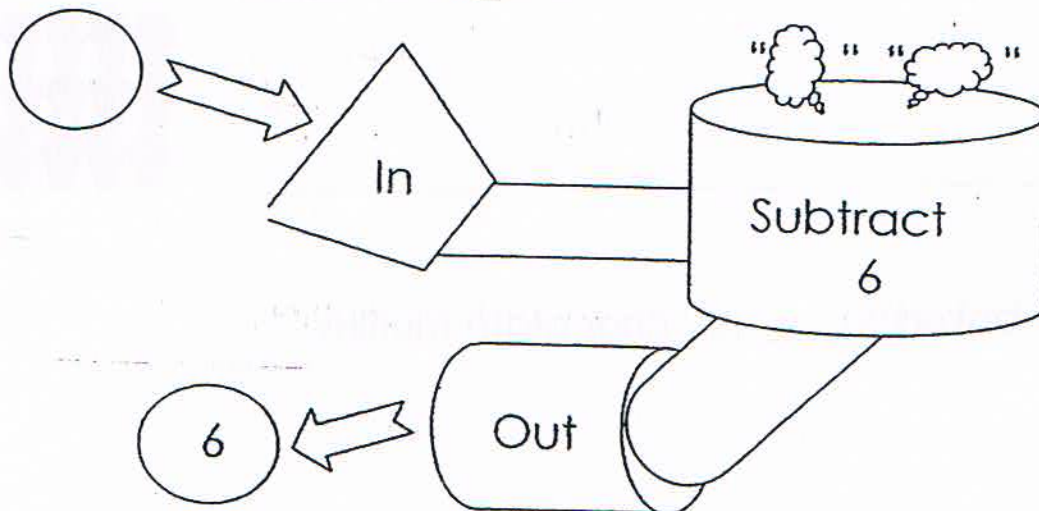


Add or subtract the following number sentences. (3 marks)



10. Which number fell into the number machine?

Write the number in the . (1 mark)





Section B (10 marks)

Read and do these story sums carefully. (5 x 2 marks)

Show your working clearly.

11. Dave made 5 paper rockets.  
His brother made 7 paper rockets.  
How many paper rockets did they make altogether?



\_\_\_\_\_

They made \_\_\_\_\_ paper rockets altogether.

12. Mother baked 15 muffins.  
5 of them were banana muffins.  
The rest were chocolate muffins.  
How many chocolate muffins did Mother bake?

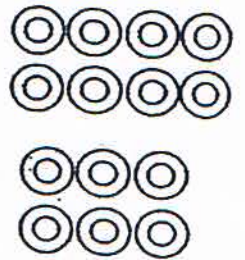


\_\_\_\_\_

Mother baked \_\_\_\_\_ chocolate muffins.



13. Aileen has some buttons.  
8 buttons are in a box.  
6 buttons are in a plastic bag.  
How many buttons does Aileen have altogether?



\_\_\_\_\_

Aileen has \_\_\_\_\_ buttons altogether.

14. Sally gives Kelly 4 stickers and she has 10 stickers left.  
How many stickers does Sally have at first?

\_\_\_\_\_

Sally has \_\_\_\_\_ stickers at first.

15. Ann and Betty have 16 pencils altogether.  
Ann has 9 pencils.  
How many pencils has Betty?

\_\_\_\_\_

Betty has \_\_\_\_\_ pencils.

Check your work carefully. 😊





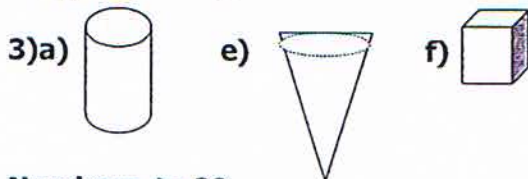
# ANSWER SHEET

## EXAM PAPER 2011

SCHOOL : AI TONG  
SUBJECT : PRIMARY 1 MATHEMATICS

TERM : Shapes and Patterns

- 1) triangle --- 8  
circle --- 5  
rectangle --- 5  
square --- 2



### Numbers to 20

- 1)a)12 b)twelve 2)18, 14 3)20, 15 4)15,14,13,12,10  
5)10 6)17 7)5 8)1 ten 4 ones 9)2 tens 0 ones

### Addition and Subtraction

- 1)13 2)7 3)17 4)12 5)16 6)17 - 8 7)20 8)7  
9)20 10)12

11)  $5 + 7 = 12$

They made 12 paper rockets altogether.

12)  $15 - 5 = 10$

Mother baked 10 chocolate muffins.

13)  $8 + 6 = 14$

Alien has 14 buttons altogether.

14)  $10 + 4 = 14$

Sally has 14 stickers at first.

15)  $16 - 9 = 7$

Betty has 7 pencils.