

**Tao Nan School**  
**Primary 1 Heuristic (3)**  
**Model Drawing – Multiplication**

Name: \_\_\_\_\_ (     )

Class: P1(     )

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

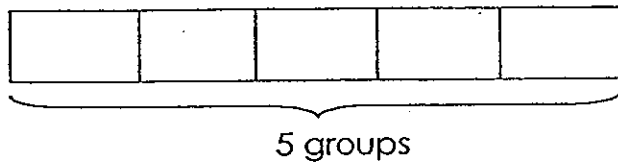
**Example 1**

Jack eats 2 sweets a day. How many sweets does he eat in 5 days ?

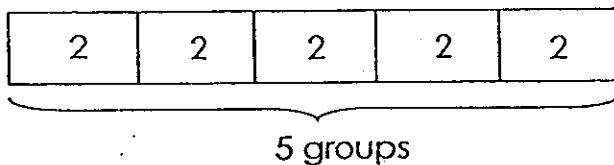
Solution :

**Step 1 : Model Drawing**

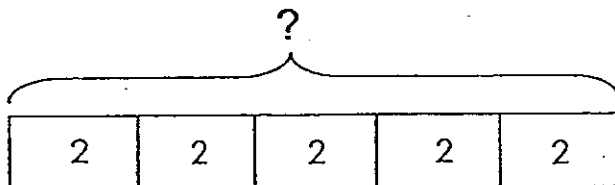
- a) Draw 5 small rectangles of the same size to represent 5 days. 1 rectangle will represent 1 day.



- b) Jack eats 2 sweets a day so write down '2' in each rectangle.



- c) The number of sweets he eats in 5 days is represented by the '?'.  
 ?



**Step 2 : Number Sentence**

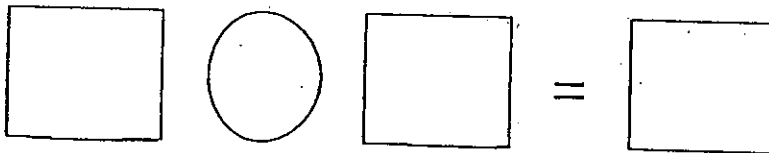
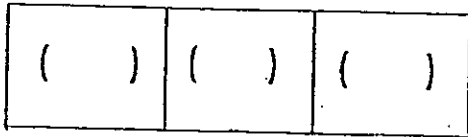
$5 \times 2 = 10$  ( There are 5 groups of 2. )

**Step 3 : Statement**

Jack eats 10 sweets in 5 days.

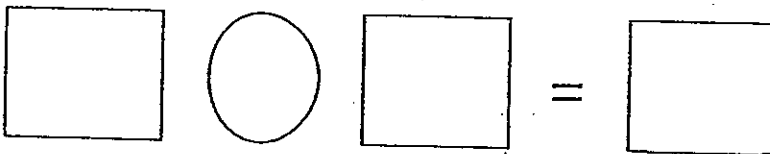
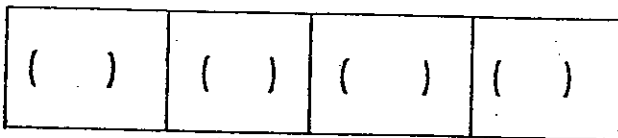
**Practice : Model Drawing (Multiplication)**

1) There are 4 pencils in a box.  
How many pencils are there in 3 boxes?



There are \_\_\_\_\_ pencils in 3 boxes .

2) Mrs Chua put 2 apples and 3 oranges into a basket.  
She has 4 such baskets.  
How many fruits did she have altogether ?



She has \_\_\_\_\_ fruits altogether .

3) Jason reads 3 pages of a storybook a day.

How many pages will he read in a week ?

*( Draw models to show your solution.)*

He will read \_\_\_\_\_ pages in a week.

4) A baker packed 6 cupcakes in a box.

How many cupcakes will he pack in 3 boxes ?

*( Draw models to show your solution.)*

He will pack \_\_\_\_\_ cupcakes in 3 boxes.

5) 4 cars are parked at a carpark.

How many wheels are there altogether ?

*( Draw models to show your solution.)*

There are \_\_\_\_\_ wheels altogether.

6) A tailor sews 5 buttons on a shirt.

How many buttons will she sew on 6 shirts ?

*( Draw models to show your solution.)*

She will sew \_\_\_\_\_ buttons.

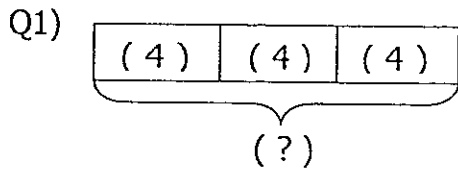
# ANSWER SHEET

**EXAM PAPER 2013**

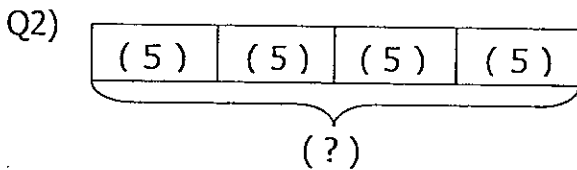
**SCHOOL : TAO NAN SCHOOL**

**SUBJECT : PRIMARY 1 MATHEMATICS**

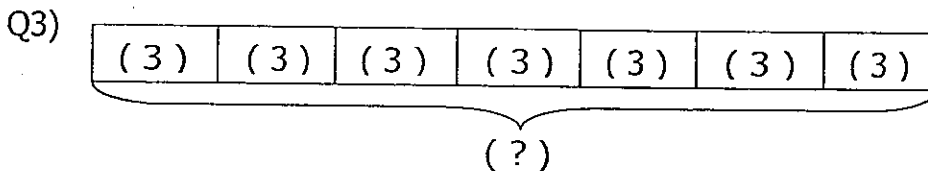
**TERM : TEST 3 (Heuristic 3)**



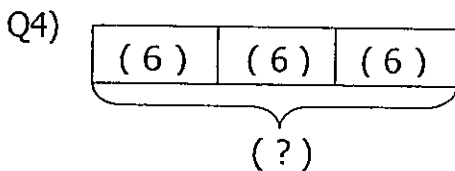
$$3 \times 4 = 12$$



$$4 \times 5 = 20$$

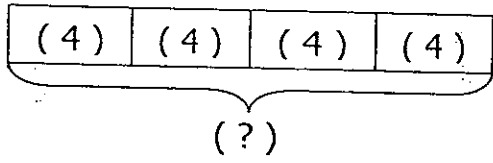


$$7 \times 3 = 21$$



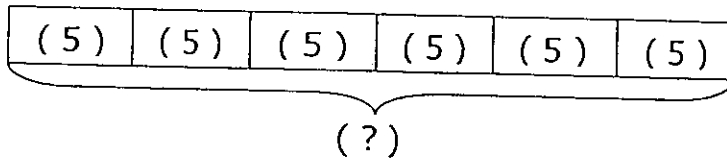
$$3 \times 6 = 18$$

Q5)



$$4 \times 4 = 16$$

Q6)



$$6 \times 5 = 30$$

Tao Nan School  
 Primary 1 Heuristic (4)  
 Model Drawing - Division

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

Class: P 1 ( )

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

**Example 1**

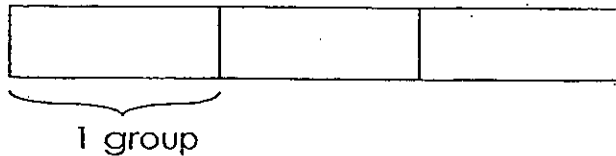
There are 15 cookies in 3 boxes.

How many cookies are there in each box?

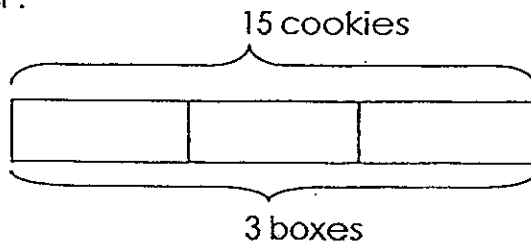
Solution :

**Step 1 : Model Drawing**

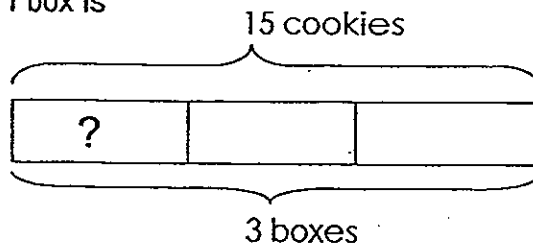
- a) First draw 3 rectangles of the same size to represent 3 boxes. 1 box will represent 1 group.



There are 15 cookies altogether.



- b) The number of cookies in 1 box is represented by the '?'.



**Step 2 : Number Sentence**

$$15 \div 3 = 5$$

**Step 3 : Statement**

There are 5 cookies in 1 box.