Tao Nan School
Primary 1 Heuristic (2a)
Model Drawing – Subtraction I

Name: _____( )

Class: P1( )

Date: _____

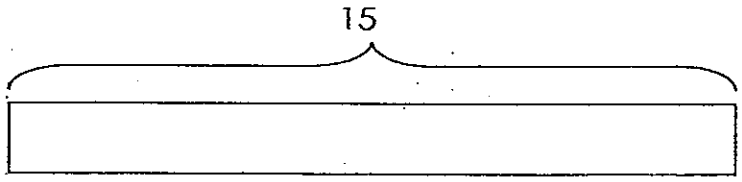
Example 1

There are 15 pupils at a camp. 9 of them are girls.
How many boys are there?

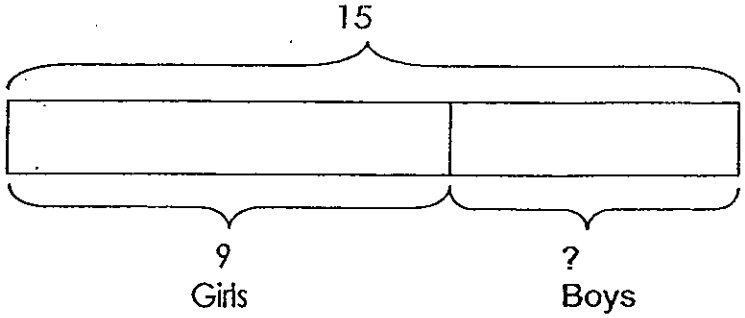
Solution :

Step 1 : Model Drawing

a) Draw a rectangle to represent 15 pupils.



b) Draw a line to divide the rectangle into 2 parts, leaving the longer part to represent 9 girls. The shorter part will represent the number of boys.



Step 2 : Number Sentence

15 - 9 = 6

Step 3 : Statement

There are **6** boys.

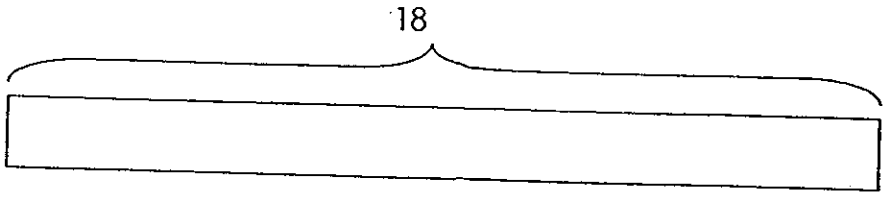
Example 2

Mei Ling has 18 stickers. She gives 5 stickers to her friend.
How many stickers has she left ?

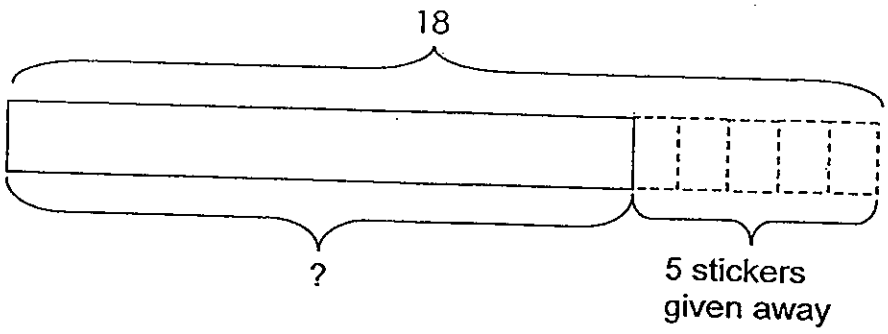
Solution :

Step 1 : Model Drawing

a) Draw a rectangle to represent 18 stickers.



b) Draw a line to divide the rectangle into 2 parts, leaving the shorter part to represent 5 stickers that were given away. The longer part will represent the number of stickers left.



Step 2 : Number Sentence

18 - 5 = 13

Step 3 : Statement

She has **13** stickers left.

Example 3

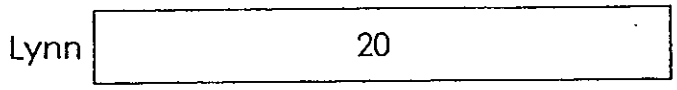
Lynn has 20 stickers. Her sister has 3 fewer stickers .

How many stickers does her sister have ?

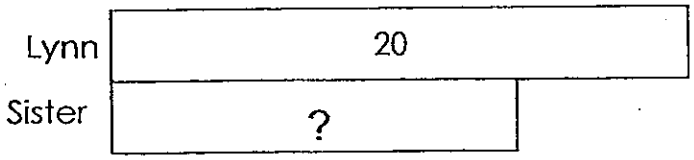
Solution :

Step 1 : Model Drawing

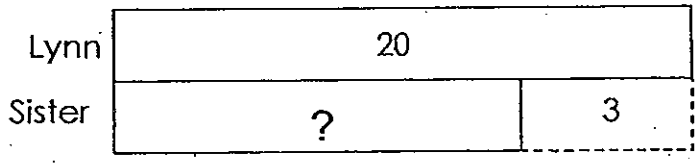
a) Draw a rectangle to represent Lynn's 20 stickers.



b) Lynn's sister has fewer stickers than Lynn so draw another shorter rectangle to represent her sister's stickers.



c). Lynn's sister has 3 stickers fewer than Lynn. This is shown by the dotted rectangle.



Step 2 : Number Sentence

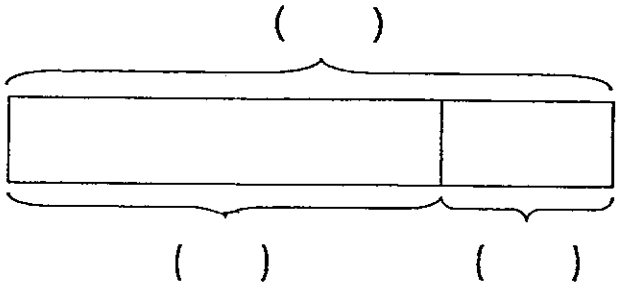
20 - 3 = 17

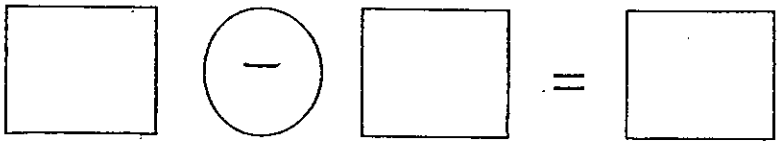
Step 3 : Statement

She has **17** stickers .

Practice : Model Drawing (Subtraction)

1) There are 10 buns in the box.
Lionel ate 4 buns.
How many buns are there left in the box?





There are _____ buns left in the box.

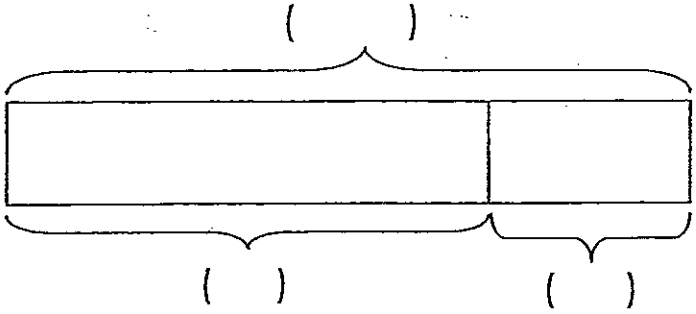
---

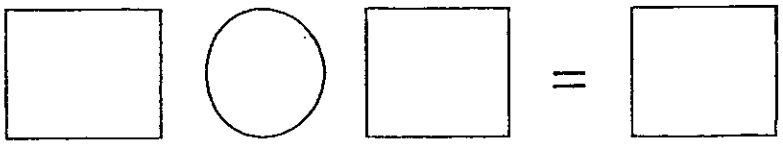
2) Mrs Ravi baked 20 brownies. She gave 8 brownies to her neighbour.
How many brownies does she have left?
(Draw models to show your solution.)

She has _____ brownies left .

---

3) Tom has 19 red and blue marbles. 7 of them are red.
How many blue marbles does he have ?





Tom has _____ blue marbles .

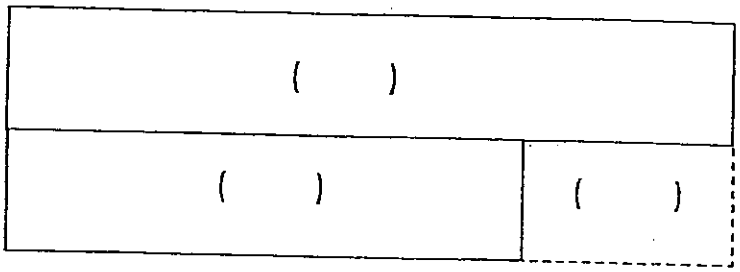
4) There are 17 children at a fair. 6 of them are boys .
How many girls are there at the fair?
(Draw models to show your solution.)

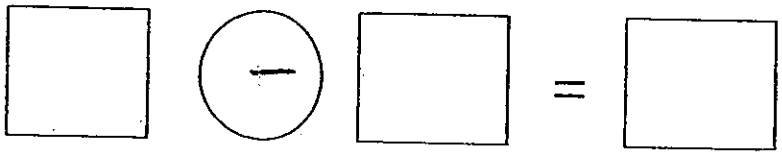
There are _____ girls at the fair .

5) Mrs Tan bought 15 fish balls.
She bought 6 fewer meat balls than fish balls.
How many meat balls did she buy?

( )

( )





She bought _____ meat balls.

6) Marie baked 18 cupcakes.
Betty baked 4 fewer cupcakes than Marie.
How many cupcakes did Betty bake?
(Draw models to show your solution.)

Betty baked _____ cupcakes .

Tao Nan School
Primary 1 Heuristic (2b)
Model Drawing – Subtraction II

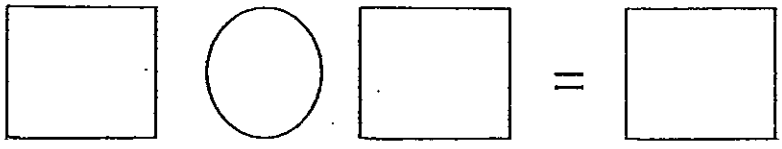
Name:_____( )

Class: P1(**)**

Date: _____

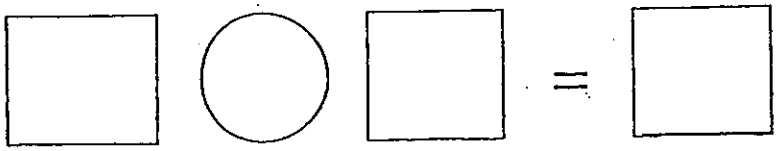
Practice : Model Drawing (Subtraction)

1) Lenny bought 45 stickers. He gave away 23 stickers to his friends. How many stickers did he have left ?



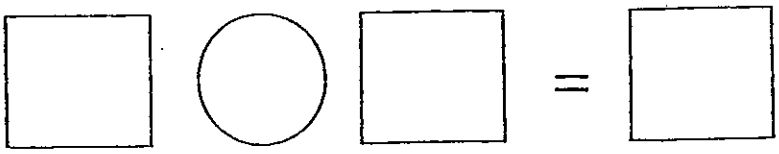
He had _____ stickers left .

2) Jenny sold 80 fun fair coupons. Kathy sold 23 coupons fewer than her. How many coupons did Kathy sell ?



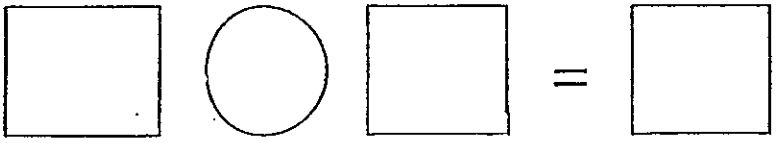
She sold _____ coupons.

3) There are 34 passengers on board a bus. At the first stop, 15 passengers alighted. How many passengers are left on the bus ?



There are _____ passengers left.

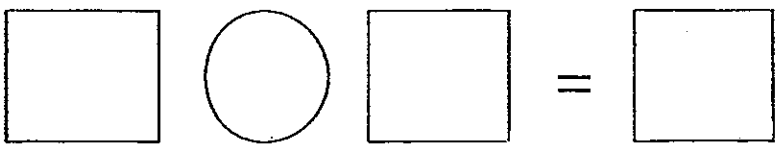
4) A florist sold 37 flowers in the morning. She sold 14 flowers fewer in the afternoon. How many flowers did she sell in the afternoon ?



She sold _____ flowers in the afternoon .

---

5) Mrs Song bought a bag for $69. She gave the cashier 2 fifty-dollar notes. How much money did she get back ?



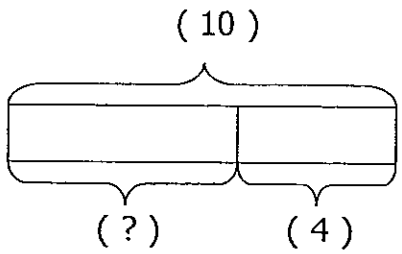
She got_____ back .

ANSWER SHEET

EXAM PAPER 2013
SCHOOL : TAO NAN SCHOOL
SUBJECT : PRIMARY 1 MATHEMATICS

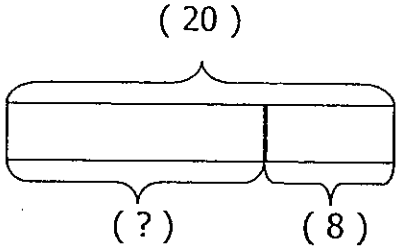
TERM : TEST 2 (Heuristic 2a and 2b)

Q1)



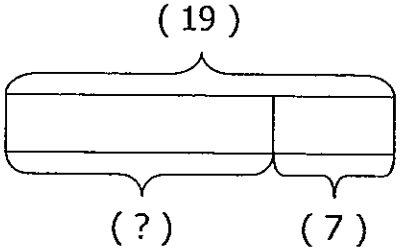
$10 - 4 = 6$

Q2)



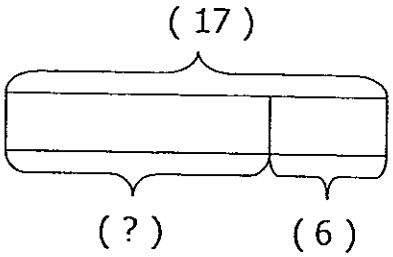
$20 - 8 = 12$

Q3)



$19 - 7 = 12$

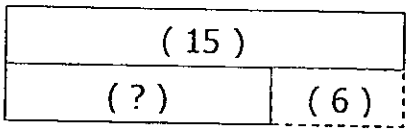
Q4)



$17 - 6 = 11$

Q5) (Fishballs)

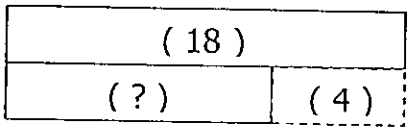
(Meat balls)



$15 - 6 = 9$

Q6) (Marie)

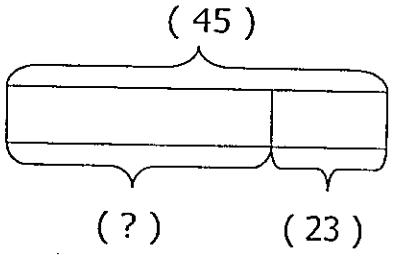
(Betty)



$18 - 4 = 14$

1B

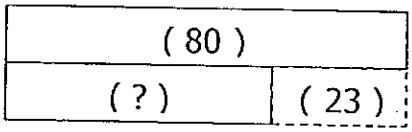
Q1)



$45 - 23 = 22$

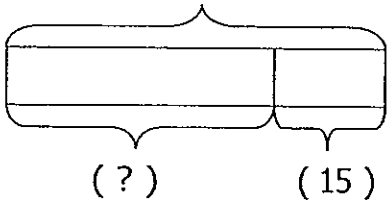
Q2) (Jenny)

(Kathy)



$80 - 23 = 57$

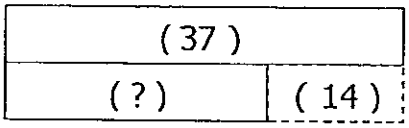
Q3)



34 – 15 = 19

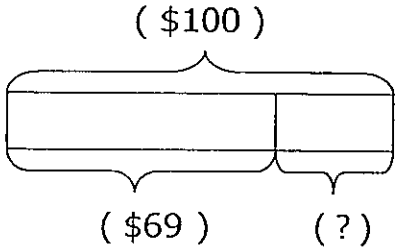
Q5) (Morning)

(Afternoon)



37 – 14 = 23

Q5)



$100 – $69 = $31