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

Name: _____( )

Class: P1( )

Date: _____

Example 1

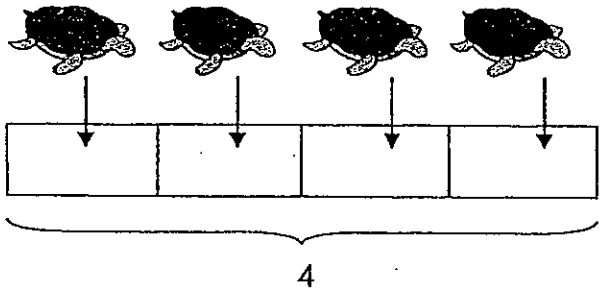
Jess has 4 terrapins and 6 rabbits .

How many animals does she have in all ?

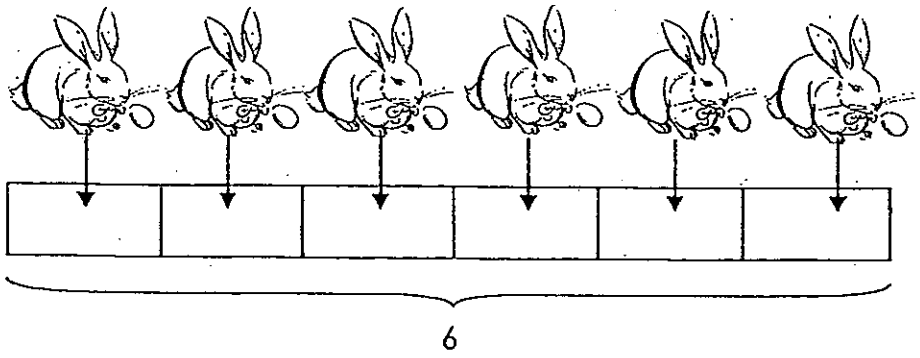
Solution :

Step 1 : Model Drawing

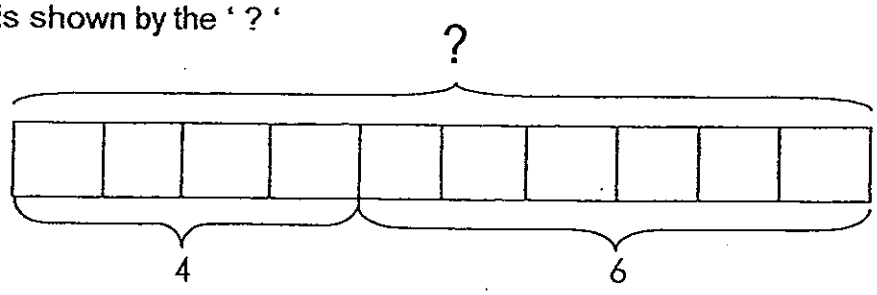
a) Jess has 4 terrapins. Draw a rectangle each to represent the 4 terrapins.



b) She has 6 rabbits. Draw a rectangle each to represent the 6 rabbits.



c) Join the 2 parts to find out how many animals Jess has altogether.
This is shown by the ' ? '



Step 2 : Number Sentence

$4 + 6 = 10$

Step 3 : Statement

She has 10 animals altogether .

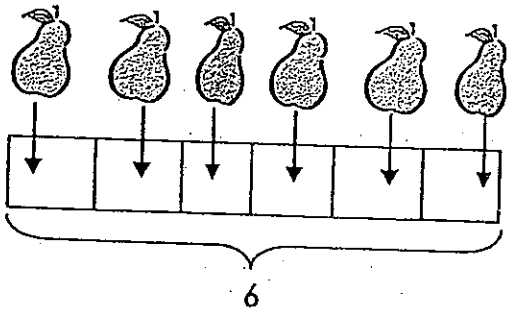
Example 2

Amy has 6 pears . Her sister gives her 3 more pears.
How many pears does she have now ?

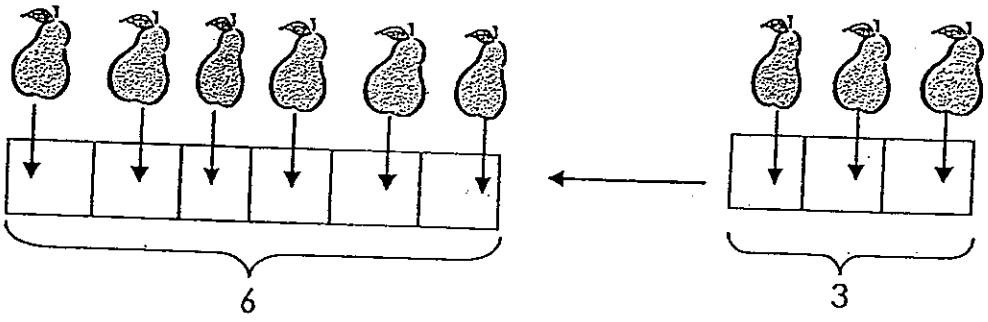
Solution :

Step 1 : Model Drawing

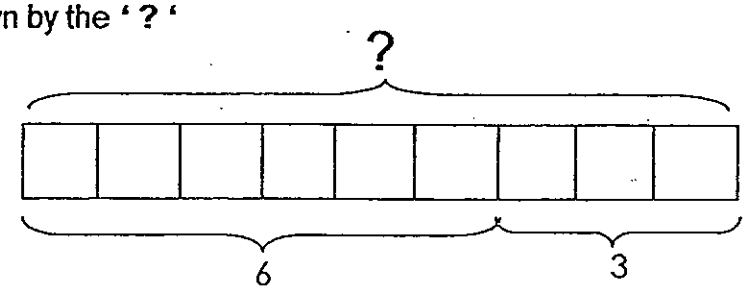
a) Amy has 6 pears. Draw a square each to represent the 6 pears.



b) Her sister gives her 3 more pears. Draw another 3 more squares & show that .



c) Join the 2 parts to find out how many pears does Amy has now.
This is shown by the ' ? '



Step 2 : Number Sentence

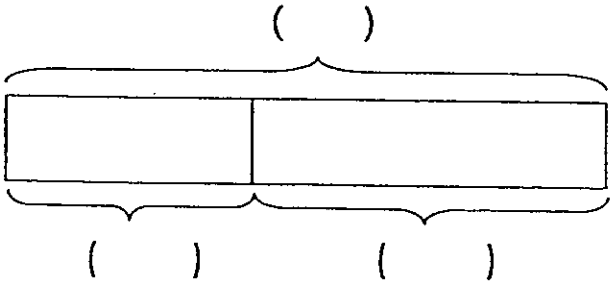
6 + 3 = 9

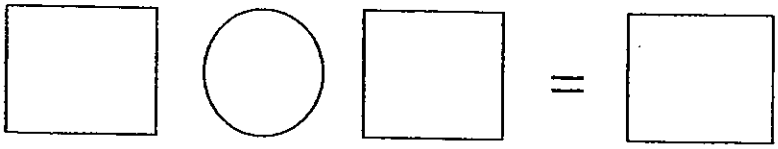
Step 3 : Statement

She has 9 pears now.

Practice : Model Drawing (Addition)

1) There are 2 green apples and 5 red apples in a basket.
How many apples are there altogether ?





There are _____ apples altogether .

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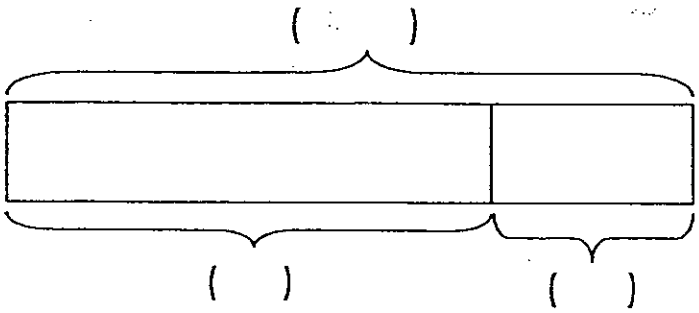
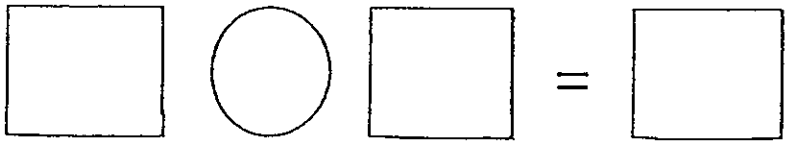
2) Tom has 5 toy cars and 9 toy trains.
How many toys does he have altogether ?
(Draw models to show your solution.)

He has _____ toys altogether.

3) There are 8 cupcakes in a box. Mrs Lee puts in 4 more cupcakes .
How many cupcakes are there altogether ?





There are _____ cupcakes altogether .

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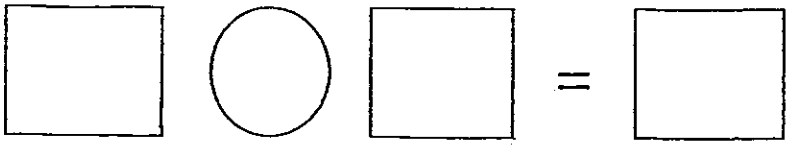
4) Ravi has 9 storybooks . His brother buys him 6 more storybooks .
How many storybooks does he have altogether ?
(Draw models to show your solution.)



He has _____ storybooks altogether .

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

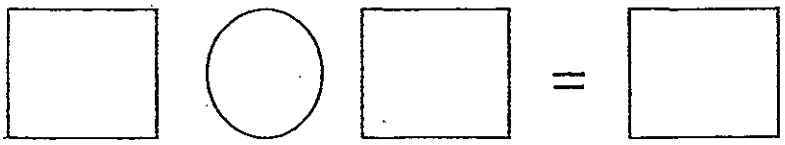
Name: _____( )

Class: P1( )

Date: _____

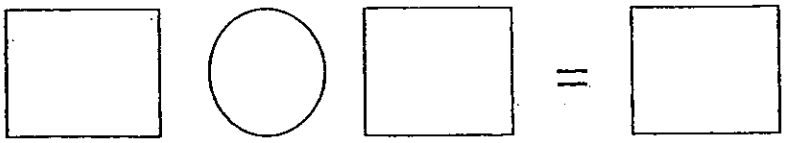
Practice : Model Drawing (Addition)

1) Baker Lim baked 48 pies in the month of June.
He baked 52 pies in July.
How many pies did he bake altogether in the two months ?



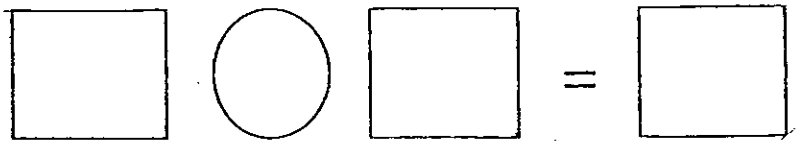
He baked _____ pies altogether .

2) Sam has 65 stamps. His sister gives him another 19 more stamps. How many stamps does he have now ?



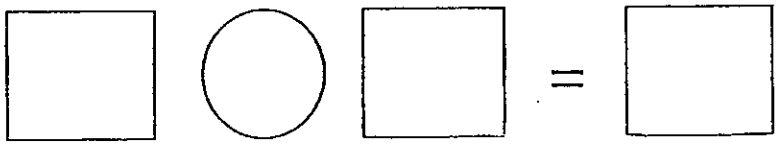
He has _____ stamps .

3) Andy bought a bag for $35. He paid the cashier and got back a change of $15. How much money did he have at first ?



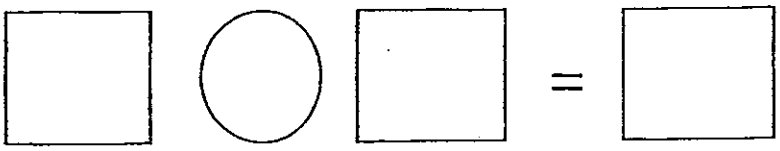
Andy had_____ at first .

4) Farmer Lim has 14 horses , 26 cows and 32 chickens on his farm.
How many animals are there altogether ?



He has _____ animals altogether .

5) Peter scored 74 marks for his English test. Ali scored 18 marks more than him.
How many marks did Ali score ?



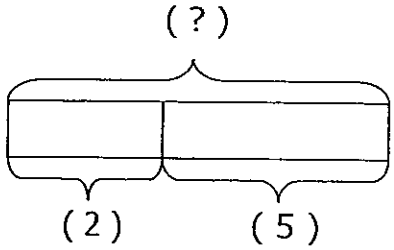
Ali scored _____ marks .

ANSWER SHEET

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

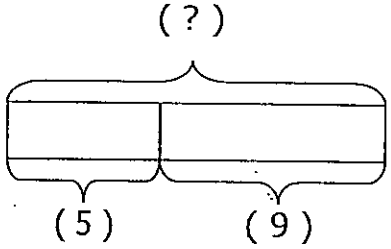
TERM : TEST 1 (Heuristic 1a and 1b)

Q1)



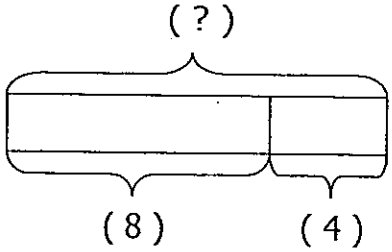
2 + 5 = 7

Q2)



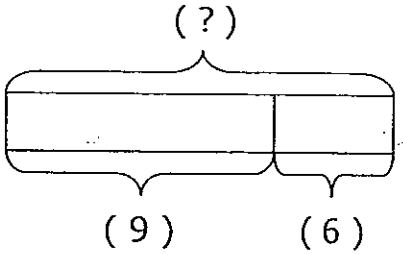
5 + 9 = 14

Q3)



8 + 4 = 12

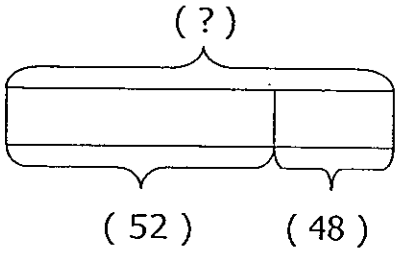
Q4)



9 + 6 = 15

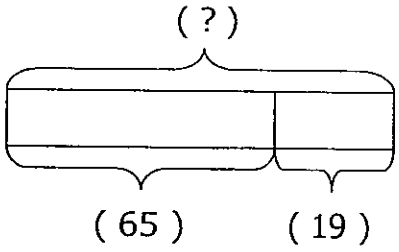
1B

Q1)



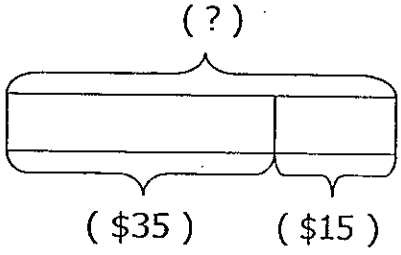
48 + 52 = 100

Q2)



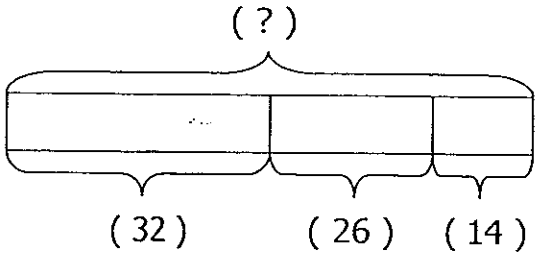
65 + 19 = 84

Q3)



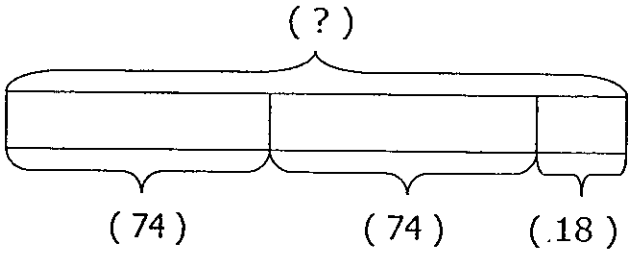
$35 + $15 = $50

Q4)



26 + 14 = 40
32 + 40 = 72

Q5)



74 + 18 = 92 marks