Example 2

Concept : Equal Quantities - Division
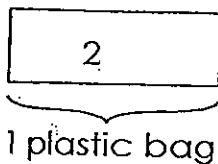
Aunt Betty is packing 12 apples into plastic bags.

She puts 2 apples into a plastic bag.

How many plastic bags will she need ?
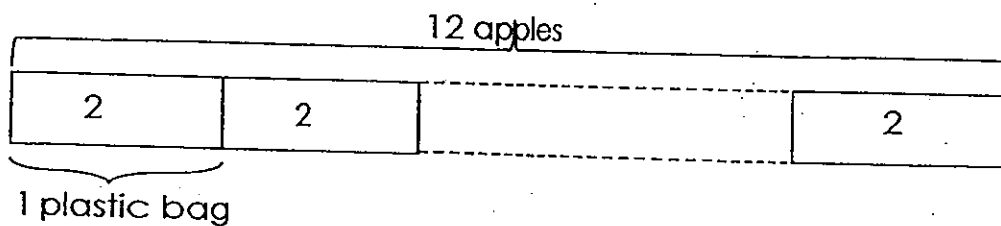
Solution :

Step 1 : Model Drawing

a) Draw 1 rectangle to represent 1 plastic bag . Write '2' in the rectangle to represent that there are 2 apples in 1 plastic bag.

1 plastic bag

b) There are 12 apples and we know that Aunt Betty will need more than 1 plastic bag. We will need to draw more rectangles so we indicate them by drawing the dotted lines & ending it with a last rectangle.

1 plastic bag

Step 2 : Number Sentence
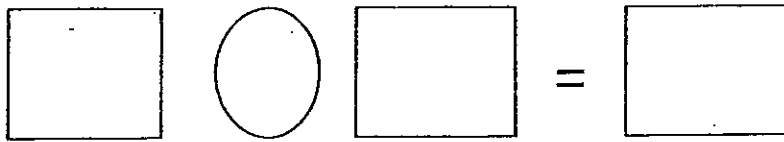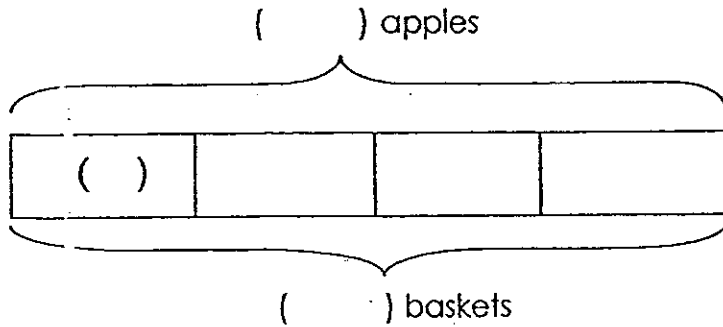
$12 \div 2 = 6$

Step 3 : Statement

Aunt Betty will need 6 plastic bags .

Practice : Model Drawing (Division)

1) Farmer John has 8 apples . He puts them equally into 4 baskets.
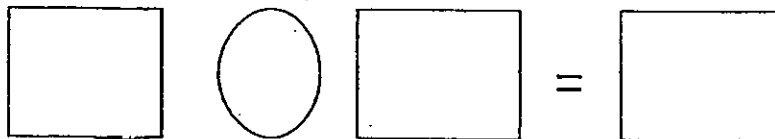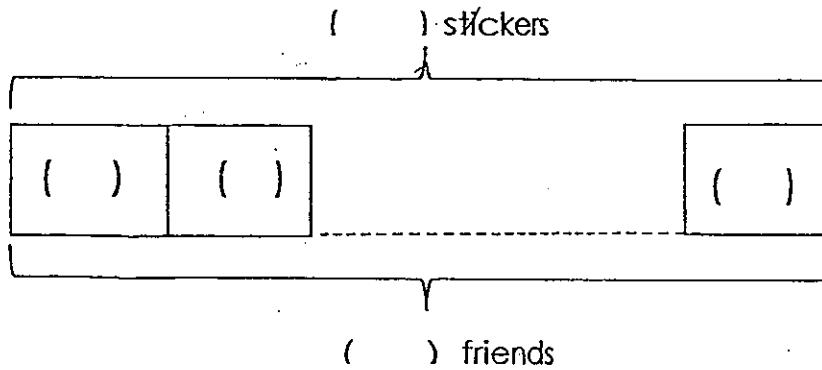
    How many apples are there in each basket ?

$$(\quad) \text{ apples}$$

( )			

$$(\quad) \text{ baskets}$$

$$\boxed{} \bigcirc \boxed{} = \boxed{}$$

There are _____ apples in each basket.

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2) 3 cars can carry 15 passengers.

    How many passengers can a car carry ?

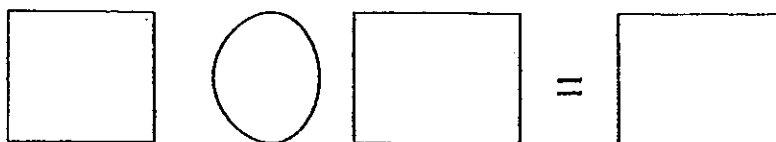$$\boxed{} \bigcirc \boxed{} = \boxed{}$$

A car can carry_____passengers.

3) Amy had 10 stickers. She gave 2 stickers to each of her friends.

How many friends did she give her stickers to ?

(   ) stickers

| (   ) | (   ) | | (   ) |

(   ) friends

☐ ◯ ☐ = ☐

She gave her stickers to _____ friends .

4) Mrs Lim sold 12 mangoes in the morning .

Each customer bought 3 mangoes .

How many customers were at her stall in the morning ?
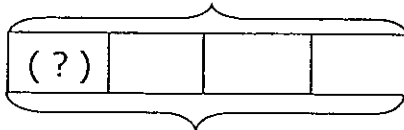
☐ ◯ ☐ = ☐

There were _____ customers at stall .

4

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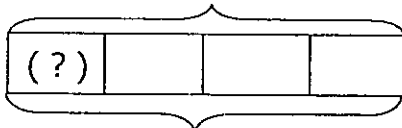**SUBJECT : PRIMARY 1 MATHEMATICS**

TERM : TEST 4 (Heuristic 4)

Q1)   (8) apples

```
┌─────────────────────────┐
│ ( ? ) │      │      │    │
└─────────────────────────┘
```

(4) baskets

$8 \div 4 = 2$

Q2)   (15) passengers

```
┌─────────────────────────┐
│ ( ? ) │      │      │    │
└─────────────────────────┘
```

(3) cars

$15 \div 3 = 5$

Q3)   (10) stickers

```
┌─────────────────────────┐
│ (2) │      │ - - - │    │
└─────────────────────────┘
```
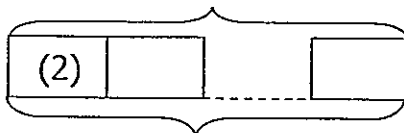
(?) friends
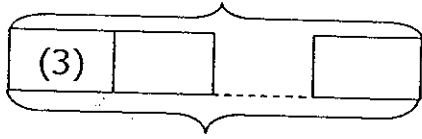
$10 \div 2 = 5$

Q4)

(12) mangoes

(3) [ ] [ ]

(?) customers

$12 \div 3 = 4$