Name: _____(   )   Class: 3 ___   Date: _____

Task 1: Ice-cream Flavours (4 marks)

1) Look at the different flavours and toppings.

Flavours:	Toppings:
• Vanilla V	• Nuts
• Chocolate	• Fruit F
• Strawberry S	• Sprinkles
	• Chocolate Chips

a) Choose 1 flavour and 1 topping to create your ice-cream combination.

My ice-cream combination consists of 1 scoop of _____(flavour) ice-cream

with _____ (topping).

b) Using only 1 flavour and 1 topping, how many different possible combinations are there?
Show clearly all the different possible combinations.

Using 1 flavour and 1 topping, there are _____ possible combinations.

Task 2: Team of 2 (5 marks)

The Science teacher, Mr Wong, needs to select 2 students to represent the class in maintaining the school garden. The students who volunteered are Zoe, Kai, Maya, Talib and Yongli.

a) Mr Wong chooses Zoe. Name **all** the other students that Zoe can pair with.
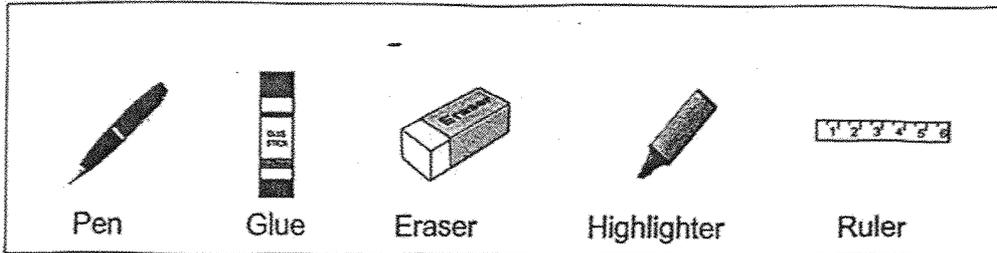
Zoe can pair with _____

_____ .

b) How many different ways can Mr Wong select a team of 2 students?
   Show clearly all the different possible ways.

The total number of different ways Mr Wong can select a team of 2 is _____ .

Task 3: Stationery Bags (6 marks)

Mrs Ang has 5 types of stationery:

Pen	Glue	Eraser	Highlighter	Ruler

She wants to pack 3 different items into each stationery bag.
How many different ways can she pack the stationery bags?
Show clearly all the different possible ways.

Mrs Ang can pack her stationery bags in _____ different possible ways.

SCHOOL   :   TAO NAN PRIMARY SCHOOL
LEVEL   :   PRIMARY 3
SUBJECT   :   MATHEMATICS
TERM   :   2025 WA2

Q1	a) Flavour – Vanilla / chocolate / strawberry Topping – nuts / fruit / sprinkles / chocolate chips b) Total 12 possible combinations		

Vanilla	Nuts
Vanilla	Fruit
Vanilla	Sprinkles
Vanilla	Chocolates
Chocolate	Nuts
Chocolate	Fruit
Chocolate	Sprinkles
Chocolate	Chocolates
Strawberry	Nuts
Strawberry	Fruit
Strawberry	Sprinkles
Strawberry	Chocolates

c)

Q2	a) Kai / Maya / Talib / Yongli b) 10	

Zoe	Kai
Zoe	Maya
Zoe	Talib
Zoe	Yongli
Kai	Maya
Kai	Talib
Kai	Yongli
Maya	Talib
Maya	Yongli
Talib	Yongli

Q3	9

Pen	Glue	Eraser
Pen	Glue	Highlighter
Pen	Glue	Ruler
Pen	Eraser	Highlighter
Pen	Eraser	Ruler
Pen	Highlighter	Ruler
Glue	Eraser	Highlighter
Glue	Eraser	Ruler
Eraser	Highlighter	Ruler