

2014-2015 Mathematics Project

Theme: Friendship

Class: P.5 (5)

Name: _______ fantik_ (21)

Mark: 9 / 100

Date: 5 June 100

Learning objectives:

- 1. Pupils can construct bar charts and analyse data.
- 2. Pupils can perform addition, subtraction and multiplication of decimal numbers.
- 3. Pupils can draw different nets of cuboids or cubes.
- 4. Pupils can solve problems by calculating the volume of cubes and cuboids.

Dimensions: Data handling, measures, shape and space, numbers.

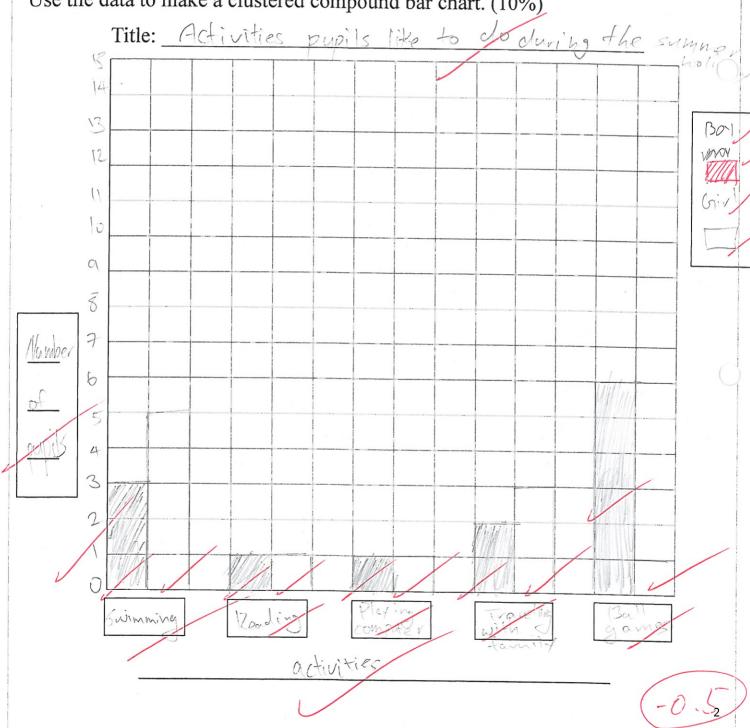
(A) Design a cover relating to friendship for this project. (10%)



(B) The summer vacation is coming soon! What will you and your classmates do during the holiday? Collect the data from your classmates and complete the table. (10% @1%)

Activites	Swimming	Reading	Playing computers	Travelling with family	Ball games
No. of people (boys)	. 3			X	6
No. of people (girls)	5			3	

The table above shows the activities pupils like to do during the summer holiday. Use the data to make a clustered compound bar chart. (10%)



Read and answer. (20	0% @2%)	
1. My classmates lik	e Swimming	the most. There are
boys and 5	e reading	playing
2. My classmates lik	e reading	the least. There are
boys and	girls	
3. I like Ball g	the most a	and reading
the least.		

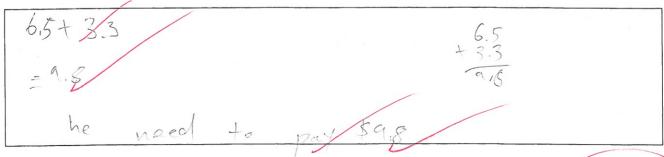
1. There are $\frac{\sqrt{3}}{}$ boys and $\frac{\sqrt{}}{}$ girls in total.

(C) Clarence wants to treat Jaffar some snacks and drinks in summer holidays.

Snacks	Price Drinks		Price	
Cup noodles (seafood)	\$6.5 / cup	Coke	\$4.5 / can	
Cup noodles (chicken)	\$6.3 / cup	Lemon tea (250 ml)	\$3.3 / packet	
Potato chips (tomato)	\$13.4 / bag	Soya bean milk	\$4.3 / packet	
Marshmallows	\$10.9 / packet	Orange juice	\$5.2 / can	

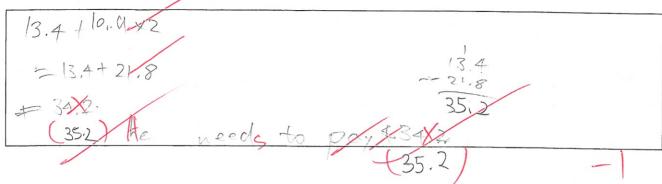
1. If Clarence wants to buy a seafood cup noodles and a packet of lemon tea.

How much does he need to pay? (4%)

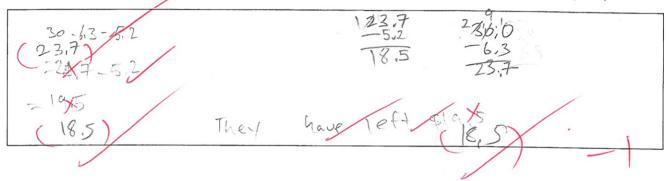


(-0.5)

2. Jaffar prepares a bag of potato chips and 2 packets of marshmallows to share with Benson. How much does he need to pay? (4%)



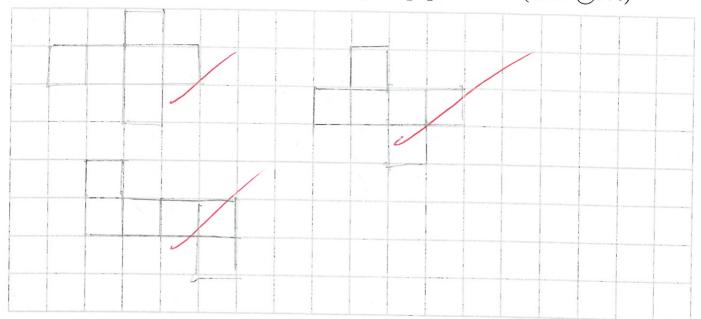
3. Clarence and Jaffar have 30 dollars. They want to buy a chicken cup noodles and an orange juice for Gervaise. How much will they have left? (4%)



(D) You are thinking to make a gift to your classmates. You need to make the box as well.

1. Draw 3 different nets of cuboids on the square paper below. (15% @5%)

2. Draw 3 different nets of cubes on the square paper below. (15% @5%)



(E) There are some nice boxes in a shop as well. Calculate the volume. (8% (24%)

1. A shiny pink paper box is 120 cm long. Its base area is 55 square centimeters.

What is the volume of the box?

120×55

The volume of the box is 6000 cm;

2. Another green box is 240 cubic centimeters big. The length and width are both H=V=L=W

10 cm. What is the height of it?

	Mathematics project student self-eva	luation	form	
Cl	ass: P.5()			
Na	ame:()	Date:		
	assess your overall performance in the project by in each of the following dimensions.	ticking	the app	propriate be
	Subject Knowledge	©	<u> </u>	8
1	Understand the topic well			
2	Enhance knowledge of related subject areas	2/		
3	Apply Mathematical knowledge to the project study	V		
	Research process and result	©	⊕	8
1	Can search information from different sources		/	
2	Can apply Mathematics knowledge in daily life			
3	Enhance your observation power		1	
4	Enhance your creativity			
	Learning attitude	0	<u></u>	\otimes
1	Participate in the learning actively			
2	Interested in the research activities	/		
3	Be able to finish the project on schedule			
Par	rent's comments: HAPPY			
	Parent's signature:	D /		