



Name: _____

Date: _____

Problem Sum Worksheet

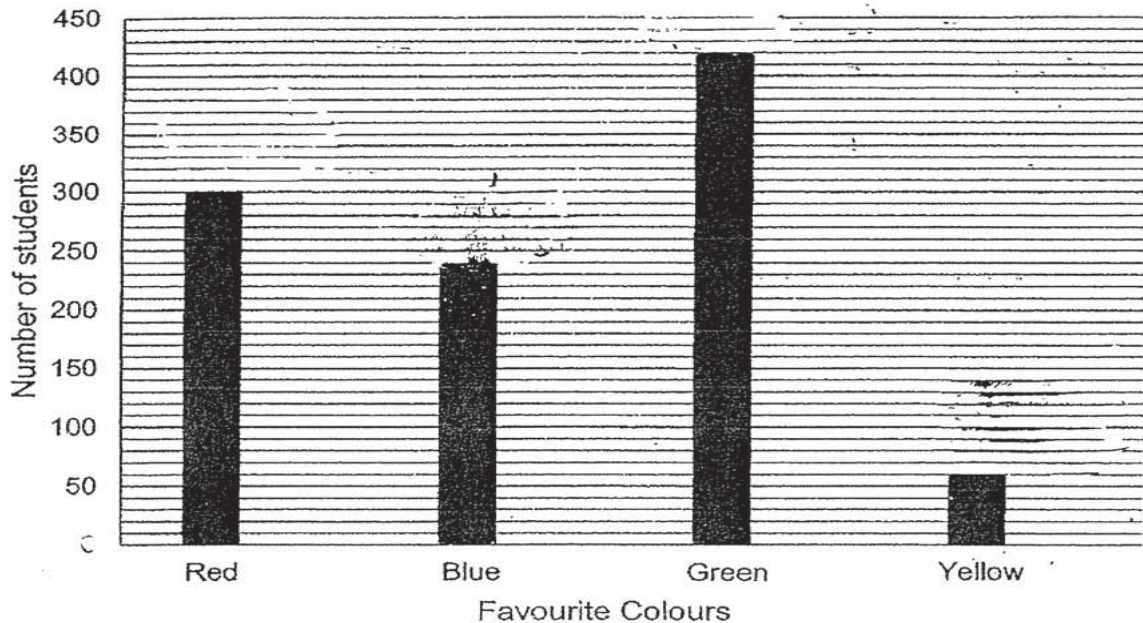
Topic : Data Analysis



Video Solution: <https://www.omyclassroom.com/true-false.html>

Topic 1 : Bar Chart - Qn 1 (Difficulty: Low)

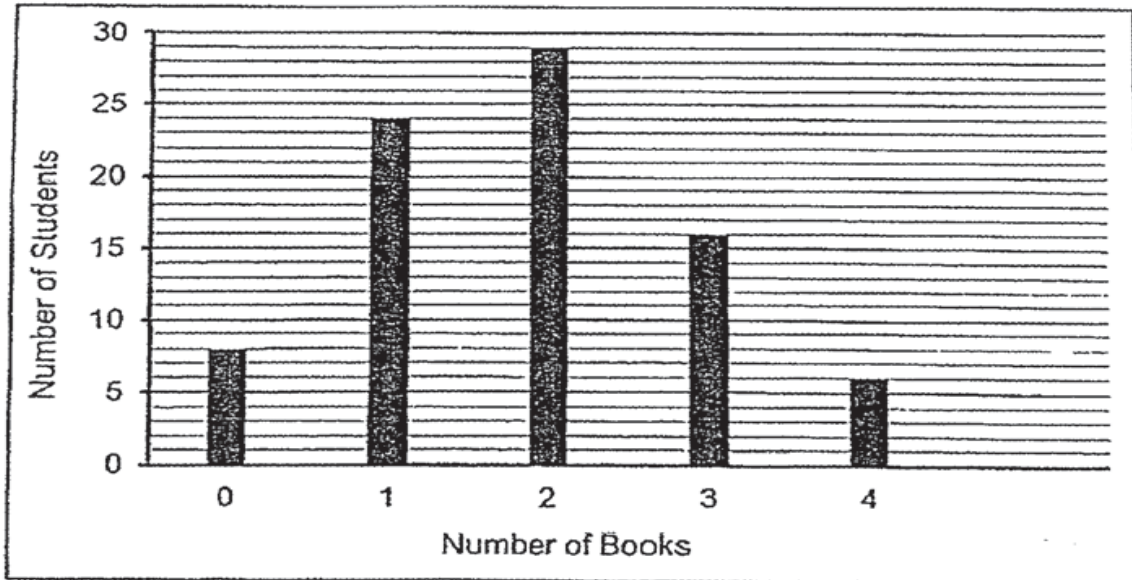
The bar graph below shows the favourite colours of all the students in a school. Each student was only allowed to choose 1 favourite colour.



- (a) What is the ratio of the number of students who chose red to the number who chose blue to the number who chose yellow?
- (b) Mr Tan bought T-shirts for all the students in the school in their favourite colours. The total amount collected from the sales of T-shirts was \$10 710. Given that the cost of each T-shirt was the same, find the cost of each T-shirt.

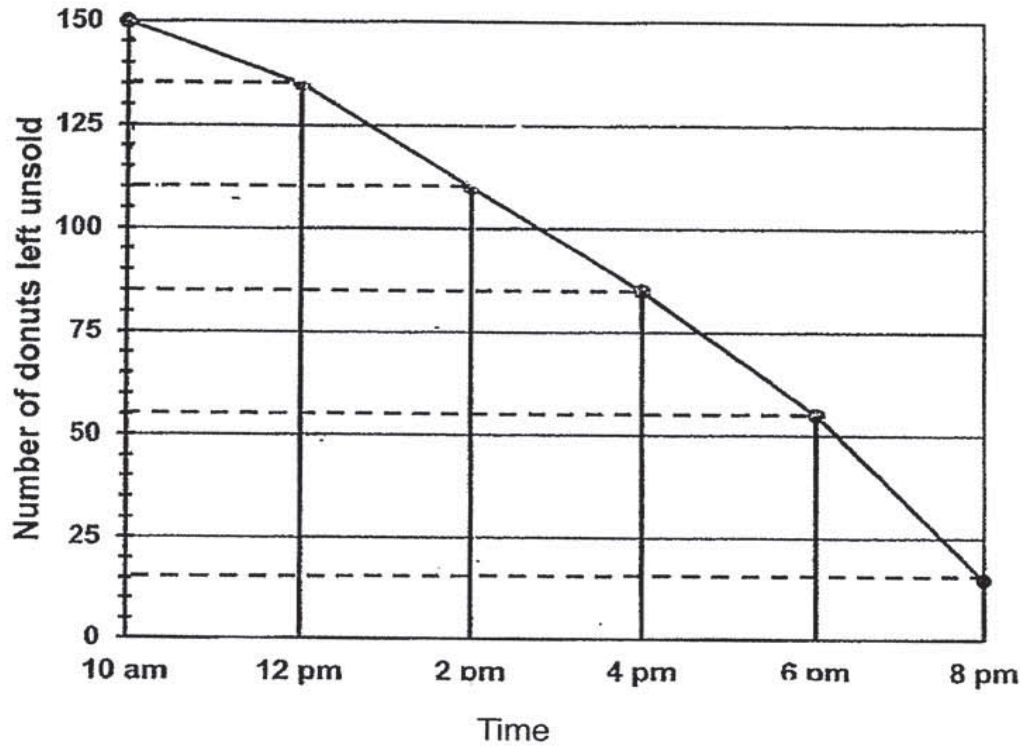
Topic 1 : Bar Chart - Qn 2 (Difficulty: Low)

The graph below shows the number of books donated by some Primary 5 students. For students who donated at least 2 books, they were each given 2 bookmarks by the school. How many bookmarks were given altogether to these students?



Topic 1 : Bar Chart - Qn 3 (Difficulty: Low)

A bakery had 150 donuts when it opened for business at 10 a.m. The line graph shows the number of donuts left unsold at the end of each 2-hour period till 8 p.m.



The usual price of each donut was \$2.95. After 8 p.m., all the remaining donuts were sold at \$1.50 each. What was the total amount of money collected from selling all 150 donuts?

Topic 2 : Logic Question - Qn 1 (Difficulty: Low)

The table below shows the marks that 3 students scored in a quiz. Use the information below and complete the table.

(a) Ivan scored a total of 255 marks for all 3 subjects. Find Ivan's Mathematics score.

(b) Jayden scored the lowest for Science and Ivan scored the highest for Science among the 3 students.

Kenneth's Science score was the highest among his 3 subjects. Find Kenneth's Science score.

Name	English	Mathematics	Science
Ivan	79	(a) _____	91
Jayden	82	86	85
Kenneth	89	87	(b) _____

Topic 3 : Lowest Score to Qualify - Qn 1 (Difficulty : Low)

A group of students participated in a quiz. A student must obtain at least a certain score to pass the quiz. The table shows the number of students who obtained the different groups of scores.

Score	Number of Students
0 to 10	3
11 to 20	6
21 to 30	13
31 or more	8

$\frac{3}{10}$ of the students **did not** pass the quiz. From the table, what was the lowest score of a student who passed the quiz?

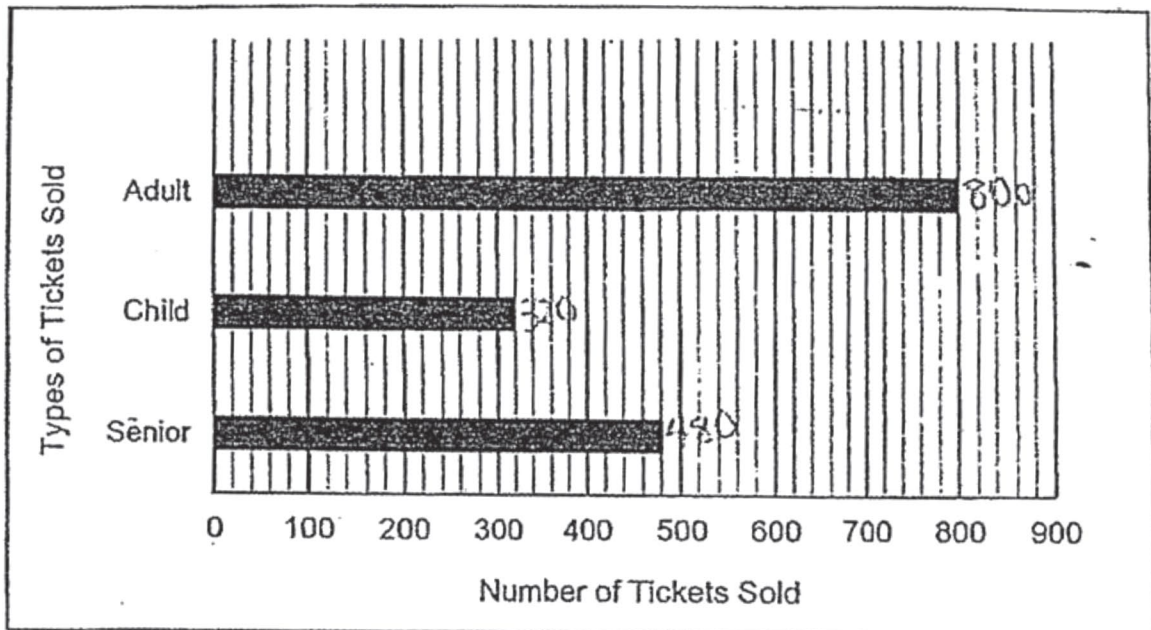


Topic 4 : Tickets and Cost – Qn 1 (Difficulty : Medium)

The prices of the admission ticket to a museum are shown below.

Ticket Type	Price per person
Adult	\$ 37
Child (Ages 3 – 12 years old)	\$ 25
Senior (Ages 60 years and above)	\$ 17

The bar graph below shows the number of each type of ticket sold on a Sunday.



- (a) What fraction of the total number of tickets sold on that Sunday were children tickets? Give your answer in the simplest form.
- (b) What was the total amount collected from the sale of admission tickets on that Sunday?