

Exercise 1

- Addition and subtraction of fractions
- Problems about addition and subtraction of fractions



Date :

Sample

A. Do the following sums.

- $1\frac{5}{8} - \frac{1}{4} =$ _____
- $2\frac{1}{3} + 1\frac{1}{6} =$ _____
- $3\frac{2}{7} + 2\frac{1}{2} + 1\frac{3}{5} =$ _____
- $8 - 3\frac{2}{9} - 2\frac{2}{3} =$ _____
- $8\frac{2}{5} + \frac{2}{3} + 1\frac{1}{6} =$ _____
- $6\frac{5}{12} - 3\frac{1}{4} - 1\frac{1}{2} =$ _____

B. Add '+' or '-' in the circles so that the expressions are correct.

- $2\frac{1}{4} \bigcirc \frac{3}{8} = 1\frac{7}{8}$
- $4\frac{4}{5} \bigcirc \frac{7}{10} = 4\frac{1}{10}$
- $5\frac{1}{12} \bigcirc 2\frac{4}{9} \bigcirc 1\frac{1}{3} = 8\frac{31}{36}$

C. Solve the following problems. Show your working.

- My father worked for $3\frac{1}{2}$ hours yesterday morning. In the afternoon, he worked for $2\frac{1}{6}$ hours more than he did in the morning. How many hours did he work yesterday?

- There were $2\frac{1}{2}$ L of apple juice. My brother drank $\frac{1}{4}$ L of it. Then my sister drank $\frac{3}{8}$ L of it. How much apple juice was left?



The three fractions below are in the simplest forms. Fill in the following boxes so that the expression is correct.

$$\frac{\square}{4} + \frac{\square}{6} = 1\frac{\square}{12}$$



Exercise 4

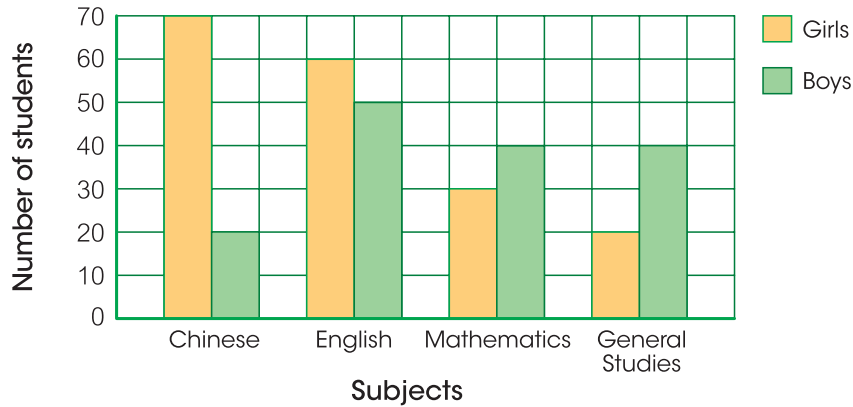
• Reading compound bar charts

Date :

Sample

A. Fill in the blanks according to the compound bar chart.

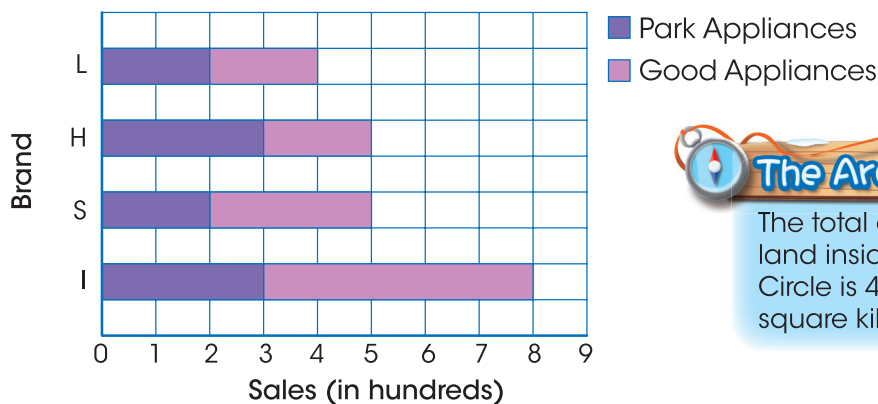
Favourite Major Subjects of Class 6B students



- The most popular subject is _____. The total number of students who choose it as their favourite is _____.
- The number of boys who choose _____ as their favourite is twice the number of girls who choose it as their favourite.
- The difference between the numbers of boys and girls who choose _____ as their favourite is the largest. The difference is _____.

B. Fill in the blanks according to the compound bar chart.

Sales of Mobile Phones at Two Shops Last Week



The total area of the land inside the Arctic Circle is 40 million square kilometres.

- The two shops sold a total of _____ mobile phones of the above four brands last week.
- The sales of brand _____ at Park Appliances last week was $\frac{2}{3}$ of its sales at Good Appliances.