

Enough Rice?

You need a classmate

Activity

Gao's family eat rice with all their meals. A full sack of rice lasts the 4 people in the family 24 days.

1.
 - a. Gao's 4 cousins come to stay. How many days would you expect a full sack of rice to last the household of 8 people?
 - b. Gao's dad and brother take the cousins on a tour around the country. While they're away, how long would a new sack of rice last Gao and his mother?
 - c. How long would a full sack of rice last just 1 person?
2. Draw a table like the one below.
 - a. Use your answers from question 1 to fill in how long a full sack of rice will last 1, 2, and 8 people.



How many whole days will a full sack of rice last?

Number of people	1	2	3	4	5	6	7	8
Number of days				24				

- b. Work out the numbers that go in the other empty spaces in the table. Explain to a classmate how you worked them out.
- c. Predict how long a full sack of rice would last 20 people. Explain to a classmate how you worked it out.

3. If a full sack of rice lasted only 1 day, how many people might it have fed?
4.
 - a. Write a similar problem involving your family, using cereal, potatoes, taro, rice, bread, or flour.
 - b. Swap problems with a classmate and solve each other's problem.

