

Working with Remainders

Sammy brought fewer than 21 cookies to share with friends. He put some on the table. The rest are in the bag.



- 1 Sammy shared his cookies equally with 4 friends. Some cookies were left over.

Number of cookies	13	14	15	16	17	18	19	20
Left over	3	4	0	1	2	3	4	0

When you divide by 5, what remainders are possible? _____

- 2 Sammy shared his cookies equally with 6 friends. Some cookies were left over.

Number of cookies	13	14	15	16	17	18	19	20
Left over	6	0	1	2	3	4	5	6

When you divide by 7, what remainders are possible? _____

- 3 What remainders are possible when you divide by the following numbers?

- A. by 2 _____ C. by 4 _____
 B. by 3 _____ D. by 6 _____
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- 4 Make up a rule that tells what remainders are possible for any divisor.
