

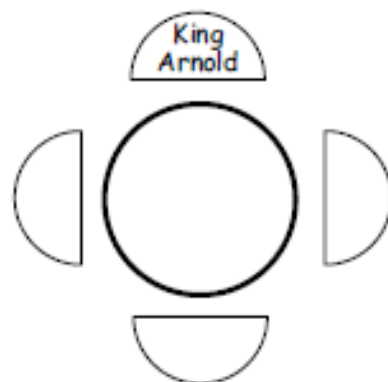
King Arnold

King Arnold sits at a Round Table.



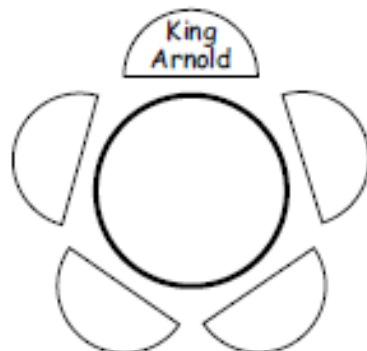
There are 3 empty seats.

In how many different ways
can 3 knights sit in them?



What if there are 4 empty seats?

In how many different ways
can 4 knights sit in them?



Ski lift

On a ski lift the chairs are equally spaced.
They are numbered in order from 1.

Kelly went skiing.
She got in chair 10 to go to the top of the slopes.

Exactly half way to the top, she passed chair 100
on its way down.

How many chairs are there
on the ski lift?



Make up more problems like this.