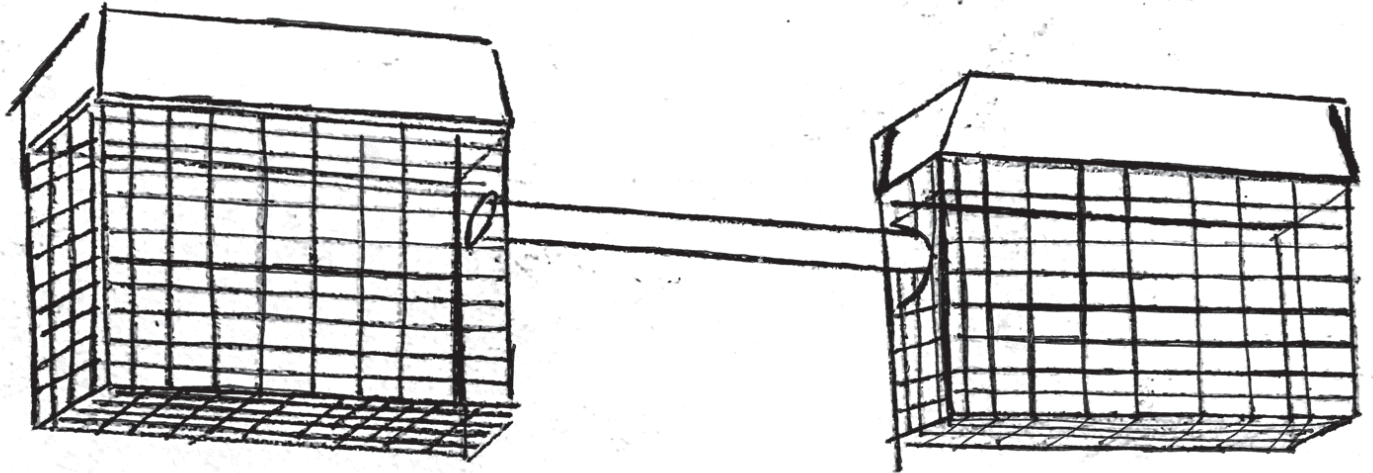


ANOTHER HAMSTER CAGE PROBLEM



At night, the hamsters eat dinner and go to bed. First two hamsters go eat and start sleeping. Then four hamsters are sleeping. Then six hamsters are sleeping. Eventually, all the hamsters are sleeping.

Describe the pattern. How many hamsters could be in each cage?

In what other patterns could the hamsters move between the cages?