

Hiding in the Swamp

You need counters or cubes

a classmate

Activity One

There's a swamp near Arnold's home where pūkeko look for food. Show how you work out your answers to the questions below.

1. How many eyes are there if six pūkeko are at the swamp?
2. How many eyes and legs are there if there are:
 - a. 4 pūkeko at the swamp?
 - b. 12 pūkeko at the swamp?
3. How many pūkeko are at the swamp if there are:
 - a. 10 eyes?
 - b. 18 eyes?
4. How many pūkeko are at the swamp if there are:
 - a. 24 eyes and legs in total?
 - b. 36 eyes and legs in total?
5. If two pūkeko each close an eye, how many pūkeko are at the swamp if there are:
 - a. 8 eyes open?
 - b. 18 eyes open?

Activity Two

1. One pūkeko shares the insects it collects with another pūkeko. They will get half the insects each. How many insects will each pūkeko get if there are:
 - a. 8 insects?
 - b. 16 insects?
2. If four pūkeko evenly share the insects they find, how many insects will each pūkeko get if they find:
 - a. 12 insects?
 - b. 16 insects?
3. If the insects are evenly shared among three pūkeko, how many insects will each pūkeko get if there are:
 - a. 6 insects?
 - b. 12 insects?