

# Pitoitoi Pecks

## Activity

Little Pitoitoi, a New Zealand robin, lives in a beech forest in the South Island. Pitoitoi watches for grubs moving through the leaf litter under the tāwhairaunui (beech trees), and then he flies down to grab his prey.

“Aue, Tāwhairaunui,” he grumbles, “You drop too many leaves. I can’t get to my dinner with so many leaves lying around.”

Tāwhairaunui just chuckles. He knows that he loses about 200 leaves every day all year round.

1. How many leaves would Tāwhairaunui lose in:
  - a. 1 week?
  - b. 30 days?
  - c. 1 year?
2. Pitoitoi looks for grubs around 20 tāwhairaunui in the forest. How many new leaves could Pitoitoi search through in:
  - a. 1 day?
  - b. 1 week?
3. Pitoitoi’s friend Miromiro, a tomtit, knows exactly how Pitoitoi feels! Where Miromiro lives, there are about 8 000 new tāwhairaunui leaves on the ground every day to search through for grubs. How many tāwhairaunui are in Miromiro’s part of the forest?

