

# Flying Feet

ACTIVITY

The Steppe family have a swimming pool in their backyard. There are 48 paving stones on the flat area between the house and the pool, and the children often take turns to race from the house to the pool.

Mira is small, and she races across the paving stones one at a time.

Api is able to race across two at a time.

Matiu has just learnt how to leap across three at a time.

Eru has very long legs, and he races across the paving stones four at a time.

Each stride takes the same amount of time.



1.
  - a. If they start from the grass behind the first stone, how many strides does each person take to reach the last paving stone?
  - b. Write a division and/or multiplication equation to show how you arrived at each answer.
2. Mira thinks that the race is unfair, so she often starts further down the path. Who will she finish with if her first step is onto:
  - a. step 24?
  - b. step 32?
3. If Eru starts at the beginning, where would Matiu, Api, and Mira need to start so that they all get to the pool in the same time?