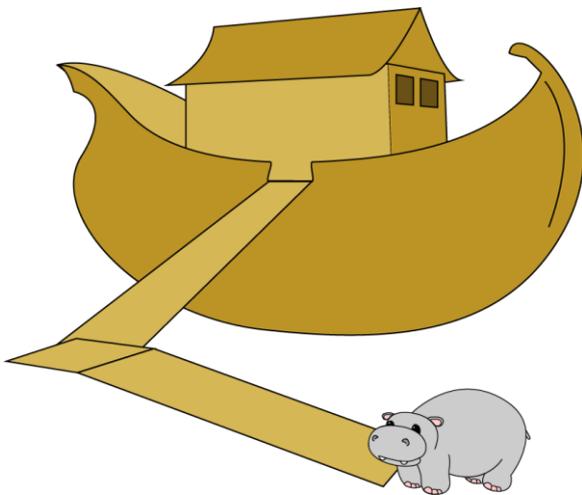


Mathematical investigation (2)

Investigating is a great way to learn to think mathematically, apply logic, spot patterns and improve our perseverance.

Jump to the Ark

Noah's Ark is 50 steps away.
The animals are getting their last bit of exercise before they sail away.
He's told them to hop or jump to the ark!



The animals can start anywhere between 0 and 10.

They have to land **exactly** on 50.

Kangaroos

- The kangaroos are pretty good at jumping. They can jump in 5s.
- Where could they start, so that they can keep jumping in 5s and land exactly on 50?
- Try your idea out on a beaded line.



Lions

- The lions are quite good at jumping. They can jump in 4s.
- Where could they start, so that they can keep jumping in 4s and land exactly on 50?
- Try your idea out on a beaded line.



Pelicans

- The Pelicans can hop! They hop in 3s.
- Where could they start, so that they can keep hopping in 3s and land exactly on 50?
- Try your idea out on a beaded line.



Challenge!

- Choose your own animal. Decide how far it can jump.
- Work out where it needs to start, so it can land exactly on 50.

