

Invasive Species Spread



Photo Credit: Simon Stump

Bell Ringer

- Find the slope of a line that goes through the points (4, -3) and (8, -1).

$$\frac{-3 - (-1)}{4 - 8} = \frac{-2}{-4} = \frac{1}{2}$$

Bell-Ringer #2

- What is an *invasive species*?

The Cane Toad, *Bufo marinus*

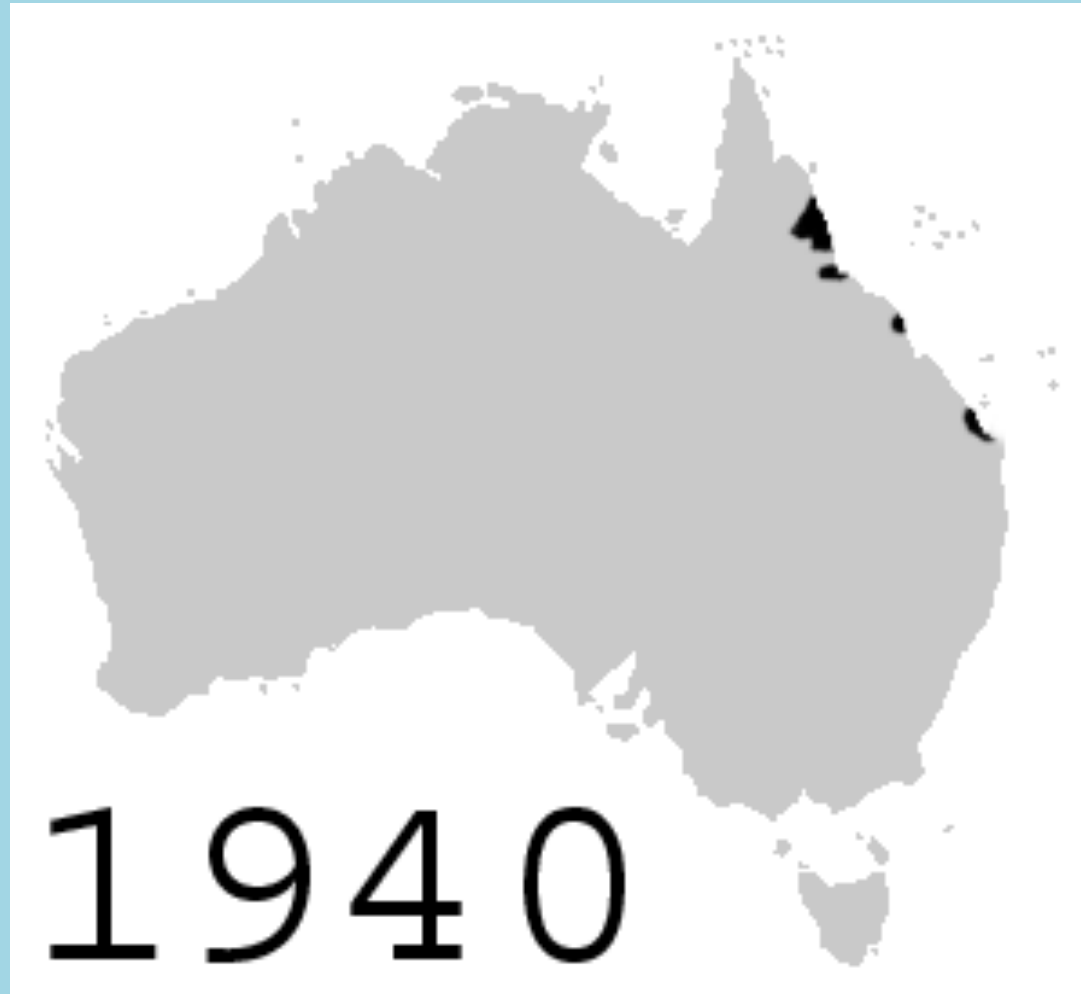
- Native to South and Central America, and as far north as Texas.
- Large (up to 2 kg).
- Very poisonous.
- Nocturnal.
- Voracious predators.
- Lay between 8,000-30,000 eggs at a time.

Cane Toads in Australia

- Introduced in the 1930s to control pests, in Gordonvale (North East Australia).
- Have spread around Australia.
- Predators cannot survive their toxins.
- They are outcompeting native species.



The Spread Across Australia



Images by [Froggydarb at the English language Wikipedia](#)

For today's activity...

- You will use survey data to try to understand the spread of *Bufo marinus* in Australia.

