

TOGETHER FOR OUR MOANA - WE'RE SHAPING OUR FUTURE

INTEGRATED MATHS AND LITERACY LEARNINGS

SNAPPER MATHS Percentages and fractions



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The population of snapper in the gulf is about 20 per cent what it was in 1945.

*THIS INFORMATION WAS IN A REPORT FROM 2017
(THE HAURAKI GULF FORUM 'STATE OF OUR GULF' REPORT).*

MATHS - percentages and fractions:

What is 20%?

20% = 20 out of 100.

If there were 100 snapper, 20% = 20 snapper.

- How much is 20% of \$100?
- How much is 20% of 100 apples?
- How much is 20% of 100 people?
- Can you write 20% as a fraction? As a simplified fraction?

EXTENSION

What is 20% of 1,000 snapper?

What is 20% of 10 snapper?

What is 20% of \$1,000?

What is 20% of \$10?

Can you show the snapper decline on a bar graph?

- Label one axis (y) 'percentage', and one axis (x) 'year'.
- Show 1945 as having 100% snapper.
- Show 2017 as having 20% snapper. (*that is when this data is from*)
- Don't forget to give your graph a title.
- Think and discuss - What is the graph showing? Why do you think there are less fish now?
- Predict - what do you think snapper numbers in the Hauraki Gulf (the sea near Auckland) might be like now? Can you find any information about it?