

## 4.20 Fishing limits

**Topic:** Measurement

**Subtopic:** Length

**Activity type/skill:** Reading tables

**Literacy focus:** Reading

**Genre:** Mathematical problems

### Objective

- Read independently to gain practical information from tables.
- Become familiar with limits on fishing in New Zealand.

### What you need

- Student worksheet (see next page)

### What to do

1. It is important that new settlers in New Zealand become familiar with the limits on taking finfish and shellfish in New Zealand. In this activity, students can apply what they have learned about reading tables to gaining practical information that they should be encouraged to discuss with their families. Help students to recall what they know about New Zealand marine life and talk about any fishing experiences they have had in this country and their own.
2. Look at the three pages of the student worksheet and have students work independently and use the tables to answer the questions.
3. When they are finished, have students work in pairs or small groups to compare their answers and say why they chose them.

Answers:

A1. Yes

A2. Yes

A3. No

A4. Yes

A5. Yes

A6. No

A7. Yes

A8. No

B1. ✓✓✓✗

B2. ✓✓✗✓✓

B3. ✓✗✓✓✓

B4a. Yes

B4b. No

B4c. Yes

B4d. Yes

C True

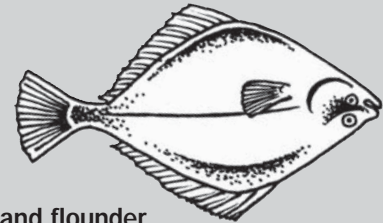
### Extending the activity

- Get pamphlets in English and your students' languages about fishing regulations in your region from the Ministry of Fisheries. Ask students to discuss them with their families.

## Marine recreational fishing rules

In New Zealand there are limits on the size and number of finfish and shellfish you can catch in one day. The limits are different in different parts of New Zealand. These tables show the limits for the Central Region.

A		Size limits for finfish
Fish species		Minimum fish length
Blue cod		33 cm
Butterfish		35 cm
Groper/hapuku		-
Kahawai		-
Kingfish		75 cm
Sand flounder		23 cm
Snapper		27 cm
Tarakihi		25 cm



Sand flounder



Snapper

Tai and his friends caught some fish.  
Can they keep the fish?

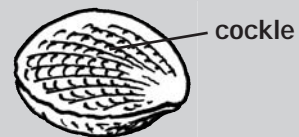
- |                                     | Yes                              | No                    |
|-------------------------------------|----------------------------------|-----------------------|
| 1 Tai's kingfish was 78 cm.         | <input checked="" type="radio"/> | <input type="radio"/> |
| 2 Lisa's tarakihi was 25 cm.        | <input type="radio"/>            | <input type="radio"/> |
| 3 Sala's butterfish was 33 cm.      | <input type="radio"/>            | <input type="radio"/> |
| 4 Sinead's hapuku was 29 cm.        | <input type="radio"/>            | <input type="radio"/> |
| 5 Api's blue cod was 34 cm.         | <input type="radio"/>            | <input type="radio"/> |
| 6 Joseph's sand flounder was 21 cm. | <input type="radio"/>            | <input type="radio"/> |
| 7 Helen's kahawai was 40 cm.        | <input type="radio"/>            | <input type="radio"/> |
| 8 Victor's snapper was 26 cm.       | <input type="radio"/>            | <input type="radio"/> |

**B Limits for shellfish – size and number**

Shellfish species	Daily limit per person	Minimum size
cockles	150	-
kina/sea eggs	50	-
mussels	50	-
oysters – dredge	50	58 mm
– rock & Pacific	250	-
paua – ordinary	10	125 mm
– yellow foot	10	80 mm
pipi	150	-
scallops	20	100 mm
tuatua	150	-

Pan's family collected shellfish.

- ✓ the amounts that are inside the limit (OK)
- × the amounts that are outside the limit. (too many)



1 Pan collected



- 130 pipi
- 5 paua
- 30 kina
- 22 scallops

2 His aunt collected



- 99 cockles
- 10 kina
- 75 mussels
- 115 tuatua
- 10 paua

Activity twenty

3 His brother collected



50 rock oysters

12 paua

93 tuatua

50 mussels

120 pipi

4 Can Pan keep these shellfish?

Tick Yes or No.

a

Yes

No



128 mm

b

Yes

No



123 mm

c

Yes

No



110 mm

d

Yes

No



100 mm

C It is important that people do not take more finfish and shellfish than the limits.

True

False