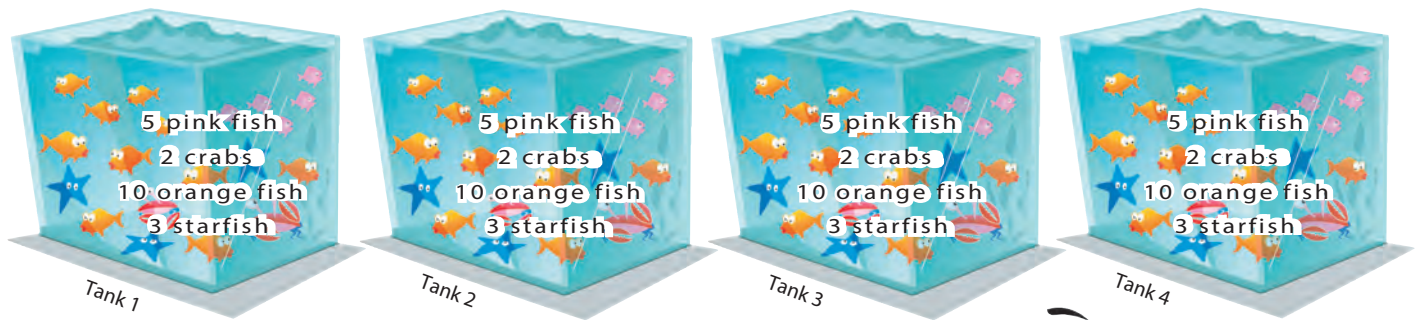# Fishy Business

You need ☑ counters (optional)   ☑ a classmate

Activity

Arnold works at Aquarium Critters. He is recording how many of each kind of "critter" there are altogether in these 4 tanks:

5 pink fish
2 crabs
10 orange fish
3 starfish

Tank 1

5 pink fish
2 crabs
10 orange fish
3 starfish

Tank 2

5 pink fish
2 crabs
10 orange fish
3 starfish

Tank 3

5 pink fish
2 crabs
10 orange fish
3 starfish

Tank 4

LOG BOOK

Monday, 8 June

pink fish: 5 + 5 + 5 + 5 = 20

A shorter way to write 5 + 5 + 5 + 5 pink fish is 4 groups of 5 or 4 x 5.
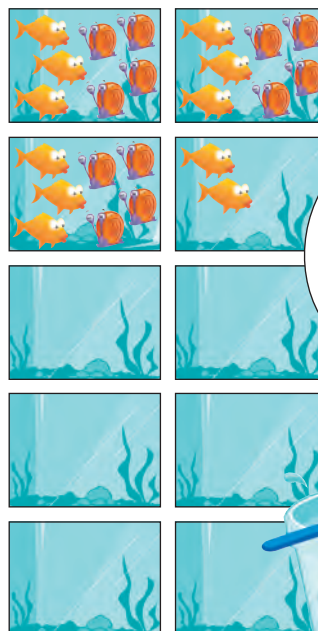
HINT CRAB

1. How could Arnold use Hint Crab's short cut to record the number of:

   a. orange fish?

   b. starfish?

   c. crabs?

2. One of Arnold's jobs is to put critters into the tanks. He is putting 3 fish and 4 snails into each of these 10 tanks.

   There are 3 fish in each of the 10 tanks.

   a. How many fish will there be altogether?

   b. How many snails will there be altogether?

3. Arnold is going to put fish in these 5 tanks:

How many fish will there be altogether if he puts:

a. 6 fish in each tank?

b. 3 fish in each of the first 2 tanks and 2 fish in each of the next 3 tanks?

4. Arnold has 27 fish and 5 spare tanks. Each tank can hold 6 fish. Arnold wants to put the same number in each of the tanks, and the leftover fish will go into a small fishbowl on a display shelf.

a. What's the most fish Arnold could put in each tank?

Some counters might help you here.

b. How many fish will be left over for the bowl on the display shelf?

5. Draw 10 fish in a tank. Colour some orange, some black, and some silvery grey.

If you had 5 tanks the same:

a. how many orange fish would you have altogether?

b. how many black fish would you have altogether?

c. how many silvery-grey fish would you have altogether?

6. Make up a tanks and critters problem for a classmate to solve.