

# Among the Dolphins

## Dolphin Watching

Prices

Adults: \$9.50

Children: \$7

Family: \$31.50  
(2 adults & 2 children)

### Activity

During his school holidays, Patrick helps his mother with her dolphin-watching business.

1. a. Calculate the cheapest prices for:
  - i. 2 adults and 3 children
  - ii. 4 adults
  - iii. 3 adults and 4 children.

- b. How much do 2 adults and 2 children save if they buy a family ticket?

2. a. The total takings on 1 trip are \$201.00. Patrick sold tickets to 6 adults on their own and to 3 adults who were each with 1 child. The rest were for families of 4. How many family tickets did he sell?

HINT: Work out the cost of the non-family tickets first.

- b. Apart from the crew, how many people were on board altogether for that trip?

3. Next term, some classes from Patrick's school will be going dolphin-watching. There will be 96 children altogether and 1 adult for every 4 children. How many adults will there need to be?