

## How much will it cost?

Polar fleece costs \$4 a metre. Ngaio and Ti Kouka need 8 metres of blue, 4 metres of green, 5 metres of red and 3 metres of orange.



How much will it cost all together?

Extension: If Ms Stevens and Miss Ratcliffe are sharing the costs how much will they each pay?

## Getting our Measurements

In your groups measure around your heads.

Record each person's measurement in your group book.



Find the group's average head measurement by adding the results together and dividing by the number of people in your group.

## Thread

Thread costs \$3.50 a reel.

We need 2 of blue,  
2 of red, 1 green, 1 orange.  
How much does it cost altogether?



Extension: Ms Ratcliffe hands over \$25. How much change will she get? How many different ways could the shop assistant give her the change?

## Polar fleece

1. Each beanie takes 50cm of material.  
How many metres will your group need?



2. There are 27 students in Ngaio, how much material will they need?
3. There are 31 students in Ti Kouka, how much material will they need?

## The Price of Beanies

Each beanie costs \$2.50 to make including the cost of the thread.

How much does it cost altogether For your group?

For Ngaio (27 students)?

For Ti Kouka (31 students)?



## Beanies for toys

Halve each soft toy's head measurement and add 1.5cm. Make a pattern for each toy's beanie. The pattern should be the new measurement (after halving and adding 1.5) by 25cm.



22cm



28cm



18cm



25cm

## **Making your pattern**

1. Halve your head measurement.
2. Add 1.5cm to your halved head measurement (this is for the seam allowance)
3. Measure onto newsprint your head measurement (width) by 45cm length.
4. Along one long edge draw - - - - - (this shows to place this edge onto the fold.)

