

# Possums' coats

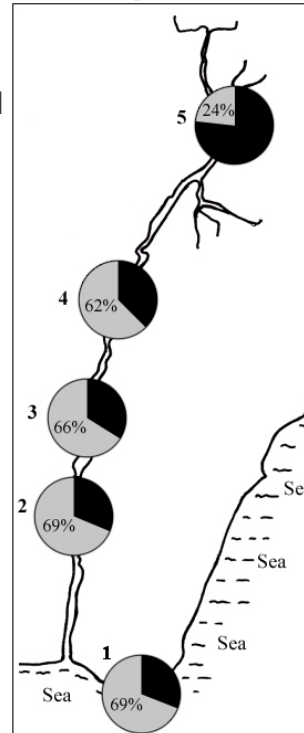
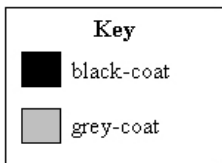
This task is about reading text and a diagram to interpret information.

## Possum's coats

Scientists have found that the percentage of grey-coated and black-coated possums in an area can be related to the annual rainfall of the area.

The percentage of black-coated possums increases by 1% with every 20 mm rise in annual rainfall.

This graphic diagram shows the percentage (%) numbers of black- and grey-coated possums in five different areas.



a) Which area has the greatest rainfall?

1     2     3     4     5

b) If the annual rainfall in Area 1 is 1400 mm, calculate what would it be in Area 4.

mm

c) Differences in a population, like the coat colour differences in possums, are known as

variation     individual choice

genetic manipulation     cloning

d) In another area, scientists want to know the percentage of grey-coated and black-coated possums. Outline a method the scientists could use to find out the percentage of each coat colour for this area.