

Reading Pie Charts (A)

ANSWERS



1) The pie chart shows four different types of tree in a forest.

a. Which type of tree is the mode?

Maple

b. Which type of tree is least common?

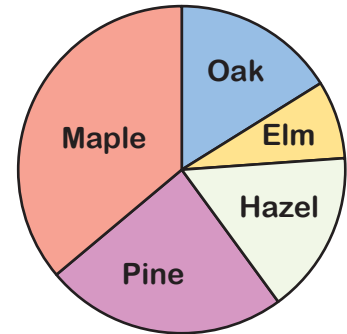
Elm

c. Which two trees are there an equal amount of?

Hazel & Oak

d. Which type of tree makes up about 25% of the forest?

Pine



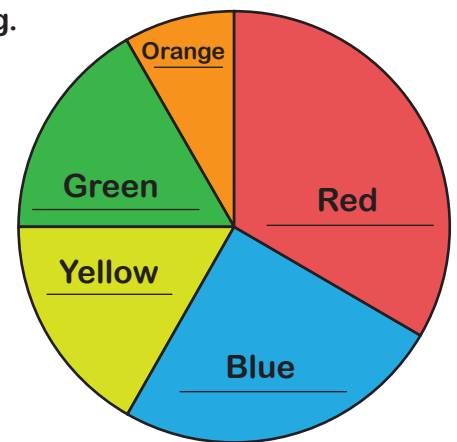
2) Lorna drew a pie chart to show the colour of sweets in a bag.

There are five sectors labelled 'red', 'blue', 'green', 'yellow' and 'orange'. A third of the bag is red. A quarter of the bag is blue. There are an equal number of green and yellow sweets. The rest of the bag contains orange sweets.

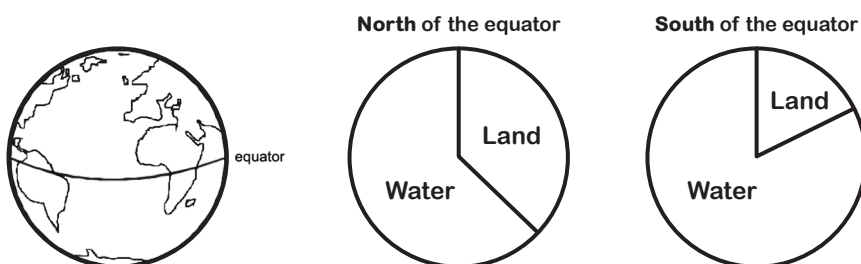
a. Label Lorna's pie chart correctly.

b. 8 sweets are red. How many sweets are there in total?

24



3) These pie charts show the area of the Earth's surface covered by water and land north and south of the equator.



a. About what percentage of the Earth's surface north of the equator is covered by land?

30 - 45%

b. About what percentage of the Earth's surface south of the equator is covered by land?

10 - 20%

c. Sketch a pie chart to show the area of the whole Earth's surface covered by water and by land. Label the parts of your pie chart Water and Land.

Land area 30%. Land angle between 96° and 116°