

Grade 7 Maths Worksheet

Pie chart

Questions:

1. A tourist wanting to visit South Africa types the following question onto the Google search engine: *"The South African people"*. He opens a web page and the following draws his attention:

Who lives in South Africa?

South Africa is a nation of over 47-million people of diverse origins, cultures, languages and beliefs. Around 79% are black (or African), 9% white, 9% "coloured" - the local label for people of mixed African, Asian and white descent - and 2.5% Indian or Asian. Just over half the population lives in the cities.

Two-thirds of South Africans are Christian, the largest church being the indigenous Zion Christian Church, followed by the Dutch Reformed and Catholic churches. Many churches combine Christian and traditional African beliefs, and many non-Christians espouse these traditional beliefs. Other significant religions - though with much smaller followings - are Islam, Hinduism and Judaism.

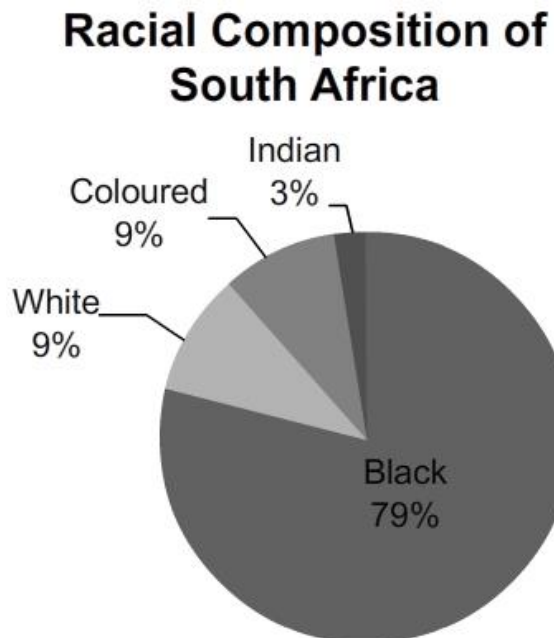
<http://www.southafrica.info/about/quickguide.htm>

- a) Using the categories that are given in the web article, construct a pie chart showing the four classifications that are made about the racial composition of the South African population.
- b) Is there enough information on the website to calculate how many South Africans belong to the Catholic church?
- c) According to this website, how many South Africans are not Christians?

Grade 7 Maths Worksheet

Solution

1. a)



- b) No, they grouped the data in one category and called it Christian and the other religions are all classified under other.
- c) One third of the population are not Christian. So that will be $\frac{1}{3} \times 47000000 = 15666666$ people.

Appendix of Assignment Tools

Pie charts