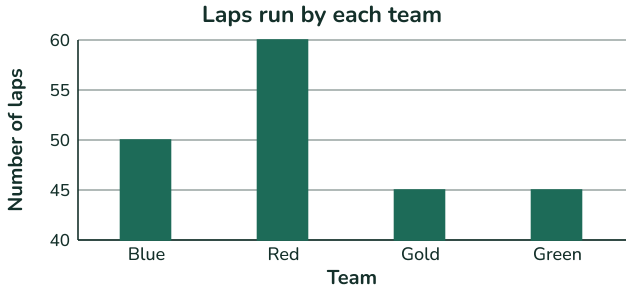
Data & Graphs · Grade 8

Name _____ Date _____ Score _____ / 6

01 Use the bar graph about laps run by each team. Look at where the vertical axis starts.



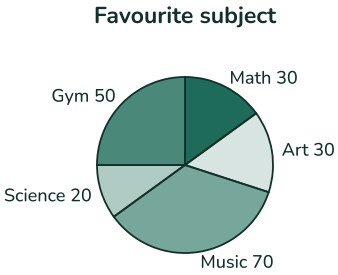
Source: run-a-thon record

a) What number does the vertical axis start at? _____

b) The Red bar looks how many times as tall as the Blue bar? _____

c) By what percent is Red's real value greater than Blue's? _____

02 Use the circle graph about favourite subject.



Source: class survey

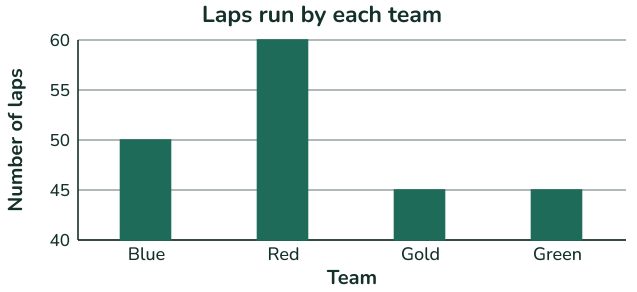
a) What is the angle of the “Gym” sector? _____

b) There were 200 students in all. How many more students chose art than chose science? _____

c) What percent of the students are in the “Science” and “Art” sectors together? _____

Data & Graphs · Grade 8 (Answer Key)

01 Use the bar graph about laps run by each team. Look at where the vertical axis starts.



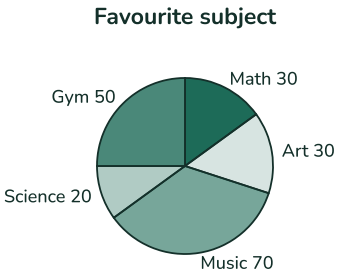
Source: run-a-thon record

a) What number does the vertical axis start at? **40**

b) The Red bar looks how many times as tall as the Blue bar? **2 times**

c) By what percent is Red's real value greater than Blue's? **20%**

02 Use the circle graph about favourite subject.



Source: class survey

a) What is the angle of the “Gym” sector? **90°**

b) There were 200 students in all. How many more students chose art than chose science? **10 students**

c) What percent of the students are in the “Science” and “Art” sectors together? **25%**