

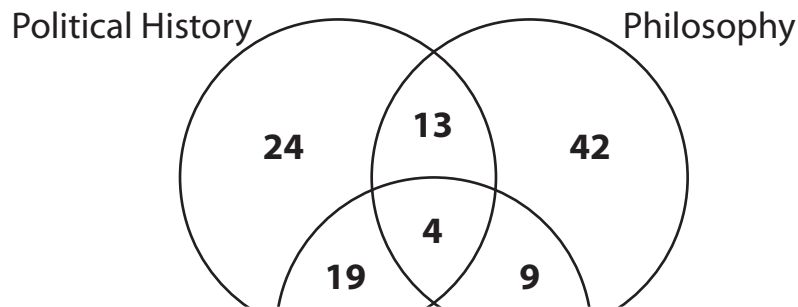
Name : _____

Venn Diagram - Without Universal Set

Standard: S2

Read each Venn diagram and answer the questions that follow.

- 1) Represented below in the Venn diagram are the number of research papers presented by University students on subjects of political history, philosophy, and law.



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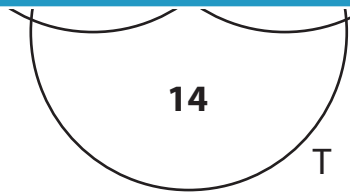
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- a) Find the number of research papers on political history and philosophy.
- b) How many research papers were on political history nor on philosophy nor on law?
- 2) Dr. Allen, an ENT specialist, has a clinic on Monday. The Venn diagram below represents the number of patients who visited him on Monday.

_____ (T) complaints. The Venn diagram with on a Monday morning.



- a) How many patients with ear complaints visited Dr. Allen on Monday? _____
- b) Find the number of patients who came in with nose and throat but not ear complaints. _____

Name : _____

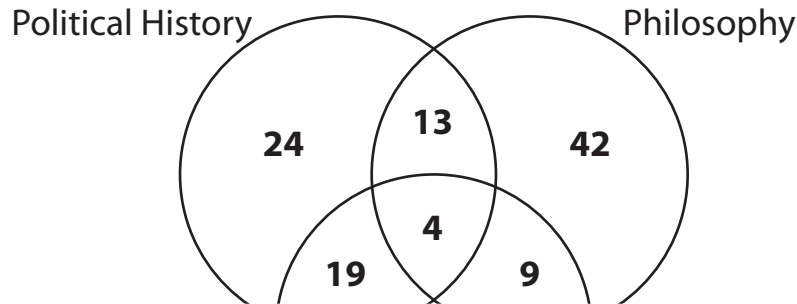
Answer Key

Standard: S2

Venn Diagram - Without Universal Set

Read each Venn diagram and answer the questions that follow.

- 1) Represented below in the Venn diagram are the number of research papers presented by University students on subjects of political history, philosophy, and law.



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- a) Find the number of research papers on political history and philosophy.
- b) How many research papers were based on political history nor on philosophy?
- 2) Dr. Allen, an ENT specialist, has a clinic on Monday morning. The Venn diagram below represents the number of patients with ear (E), nose (N), and throat (T) complaints. The Venn diagram shows the number of patients with each combination of complaints.

60 students

40 research papers were based on law

- a) How many patients with ear complaints visited Dr. Allen on Monday?

26 patients

- b) Find the number of patients who came in with nose and throat but not ear complaints.

1 patient

