

Personal Characteristics

Characteristics	Me (yes or no)	Dominant or Recessive
Hairy middle finger		Dominant
Bent little finger		Dominant
Tongue roller		Dominant
Window's peak		Dominant
Attached earlobe		Recessive
Facial dimples		Dominant
Morton's Toe		Dominant
Hitchhiker's thumb		Recessive
Index finger shorter than ring finger		Dominant for Males Recessive for Females
Brown Eyes		Dominant

A survey of 110 students provided the following information:



- 41 roll their tongue
- 28 have widow's peaks
- 32 have facial dimples
- 10 have widow's peaks and facial dimples
- 13 have widow's peaks and roll their tongues
- 7 have facial dimples and roll their tongues
- 4 have all three characteristics



How many people:

• Can roll their tongue and have facial dimples?

• Have a widow's peak but not have facial dimples?

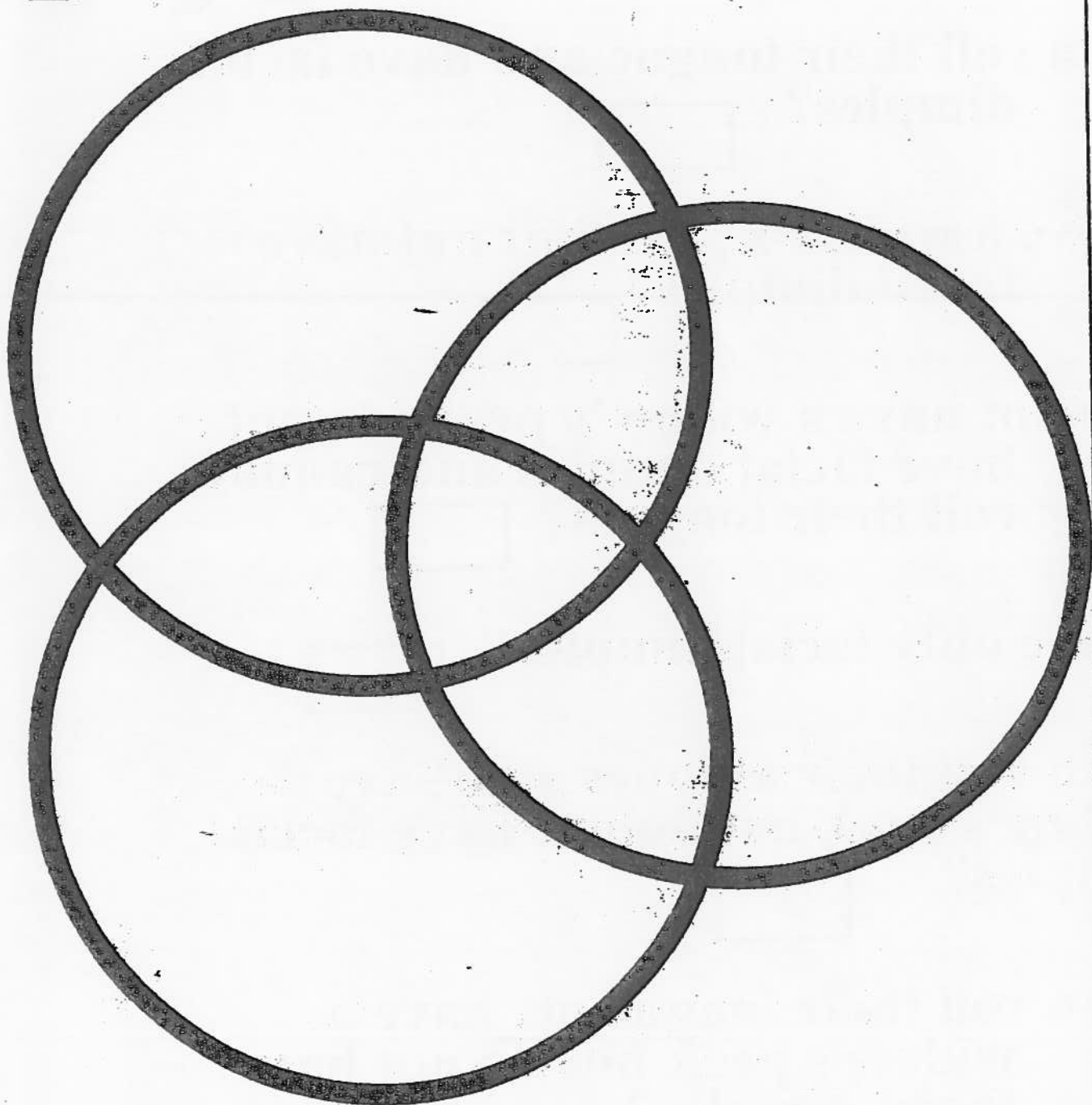
• Do not have a widow's peak, do not have facial dimples and cannot roll their tongues?

• Have only facial dimples?

• Can roll their tongues and have a widow's peak but do not have facial dimples?

• Can roll their tongue or have a widow's peak but do not have facial dimples?

D



A survey of 108 students was made on UCR's campus:

38 were taking mathematics

30 were taking English

52 were taking history

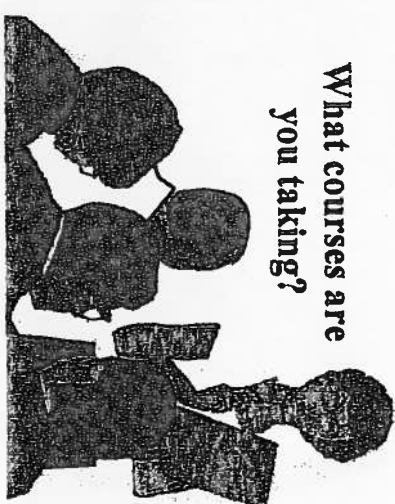
19 were taking English and mathematics

18 were taking mathematics and history

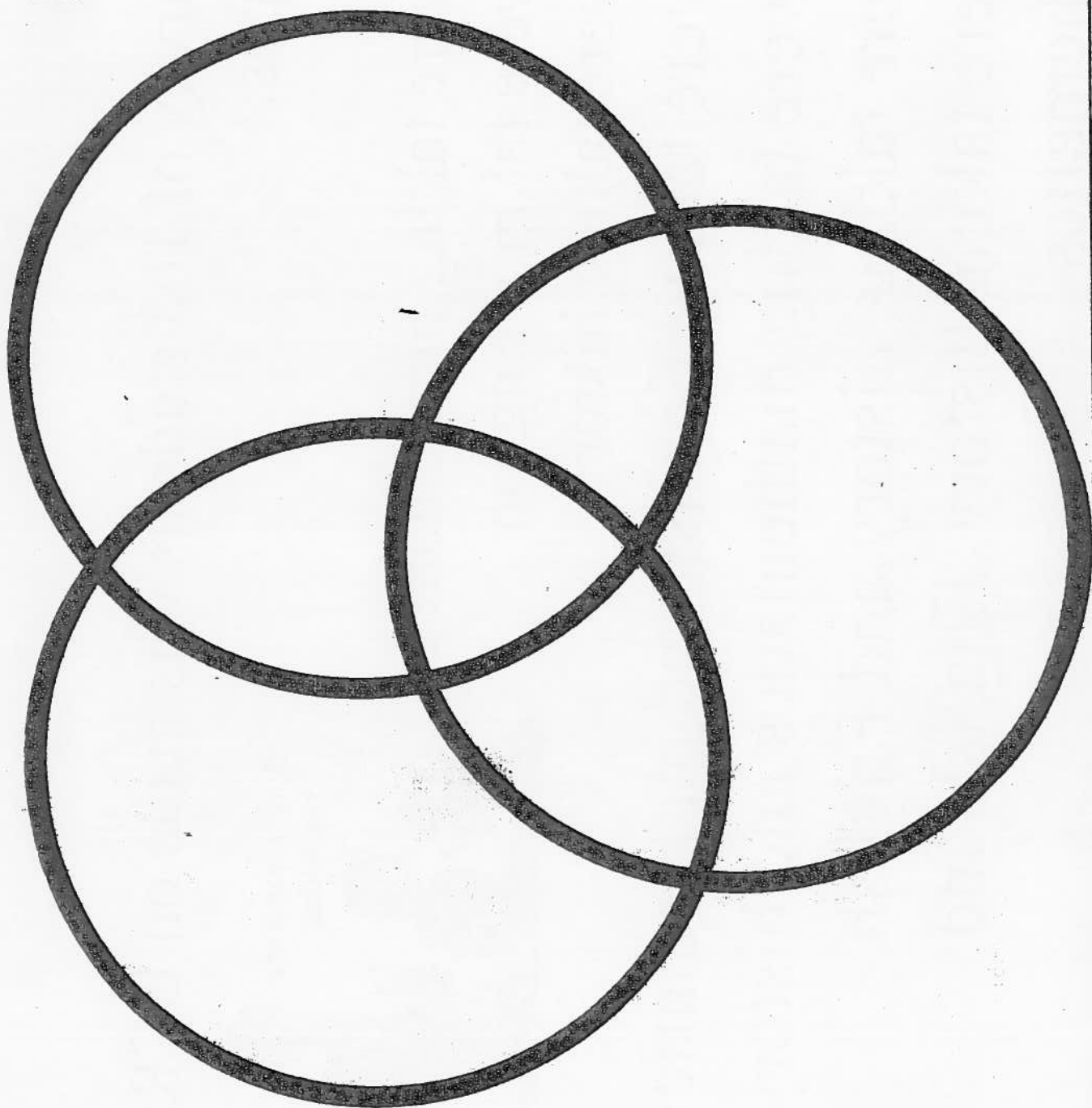
4 were taking history and English

2 were taking history, English and

mathematics



D



How many students are taking:

Mathematics but not English?

Mathematics and history but not English?

Mathematics or history but not English?

Mathematics or English but not history?

Only mathematics or history or English?

Something besides Mathematics or English or history?

