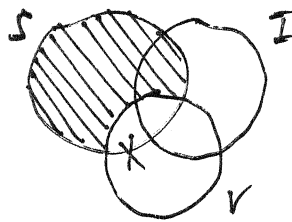


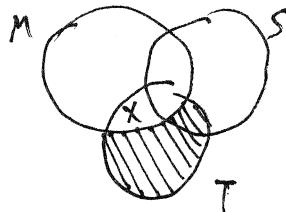
EXERCISE 8-11

- [2] All S are V.
Some V are not I.
 Some S are not I.



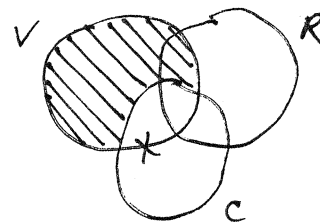
INVALID

- [3] All T are M.
Some T are not S.
 Some M are not S



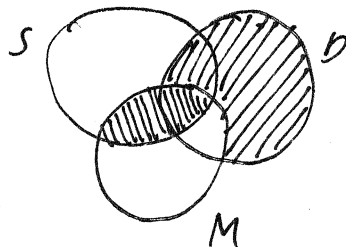
VALID

- [5] All voters are citizens. All V are C.
Some citizens are not residents. Some C are not R.
 Some voters are not residents. Some V are not R.



INVALID

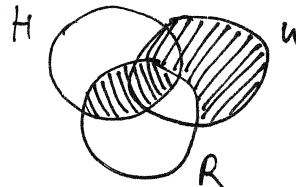
- [6] All D are M.
No M are S.
 No S are D.



VALID

- [8] All systems with unlimited storage capacity are systems with removable disks.
No standard hard drives are systems with removable disks.
 No standard hard drives are systems with unlimited storage capacity.

1. All U are R.
2. No H are R.
3. No H are U.



VALID

<SKIP NUMBER 9!!>

EXERCISE 8-19

[2] All rats are disease-carrying pests.

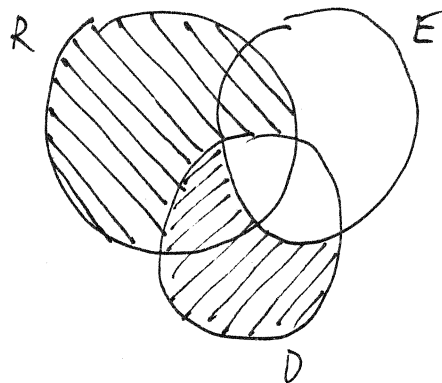
All disease-carrying pests are things that should be eradicated.

All rats are things that should be eradicated.

1. All R are D.

2. All D are E.

3. All R are E.



VALID

[5] All fundamentalist Christians are evangelicals.

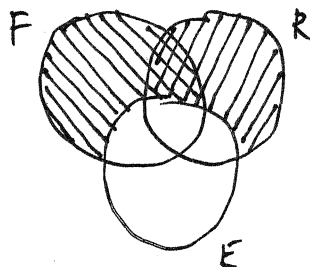
All revivalists are evangelicals.

Some fundamentalist Christians are revivalists.

1. All F are E.

2. All R are E.

3. Some F are R.



INVALID

[7] No intramural sports are Olympic sports.

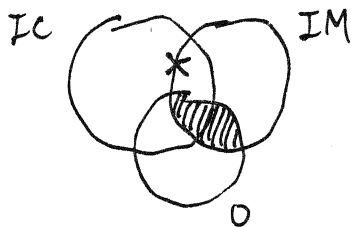
Some intercollegiate sports are not Olympic sports.

Some intercollegiate sports are intramural sports.

1. No IM are O.

2. Some IC are not O.

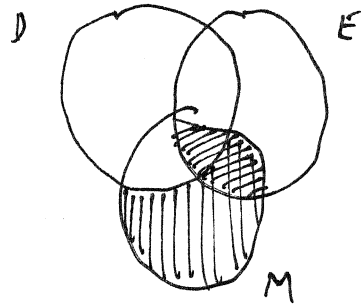
3. Some IC are IM.



INVALID

- [8] All moas are Dinornithidae.
No moas are things that exist
 No Dinornithidae are things that exist.

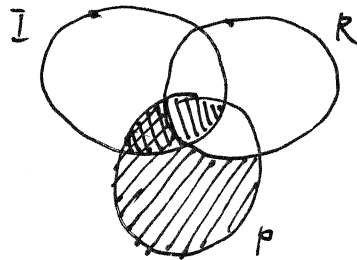
1. All M are D.
2. No M are E.
3. No D are E.



INVALID

- [13] No investor-held utilities are things that should be allowed to raise rates.
 All public utilities are things that should be allowed to raise rates.
 No public utilities are investor-held utilities.

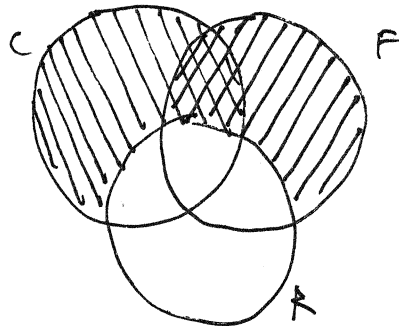
1. All P are R.
2. No P are I.
3. No I are R.



INVALID

- [21] All creationists are religious people.
All fundamentalists are religious people.
 All creationists are fundamentalists.

1. All C are R.
2. All F are R.
3. All C are F.



INVALID

[23] All people who voted for Democrats are people who favor expansion of medical services for the needy.

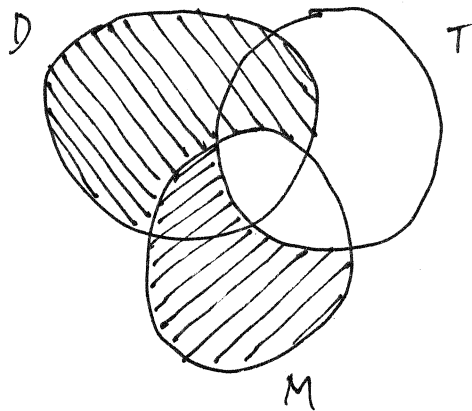
All people who favor expansion of medical services for the needy are people who favor higher taxes.

All people who voted for Democrats are people who favor higher taxes.

1. All D are M.

2. All M are T.

3. All D are T.



VALID