2.3 Apply Deductive Reasoning

Deductive Reasoning

Use ______________, ______________, ______________, ______________ to form an argument.

Deductive reasoning

- ________________ true
- ________________ → ________________

Inductive reasoning

- ________________ true
- ________________ → ________________

Laws of Logic

Law of Detachment

If the ________________ of a true conditional statement is ______________, then the ________________ is also ______________.

Detach means ________________, so the 1st statement is ________________.

1. If we confess our sins, he is faithful and just to forgive us our sins. 1 John 1:9
2. We confess our sins
3. He is faithful and just to forgive us our sins

1. If you love me, keep my commandments.
2. I love God.
3. ____________________________

1. If you love me, keep my commandments.
2. I keep all the commandments.
3. ____________________________
### Law of Syllogism

If hypothesis ______, then conclusion ______.
If hypothesis ______, then conclusion ______.
If hypothesis ______, then conclusion ______.

1. If we confess our sins, **He is faithful and just to forgive us our sins.**
2. **If He is faithful and just to forgive us our sins,** then we are blameless.
3. If we confess our sins, then we are blameless.

1. If you love me, keep my commandments.
2. If you keep my commandments, you will be happy.
3. _______________________________

1. If you love me, keep my commandments.
2. If you love me, then you will pray.
3. _______________________________

**Assignment:** 90 #4-12 even, 16-28 even, 30-38 all = 20 total
**Extra Credit:** 93 #2, 4 = +2 total