

# Logic Pretest

Circle the conclusion that follows logically from the premises; use only the information given. When you finish, correct your test using the answer key on the next page.

This pretest will show you what logic is about. Your score won't count; nor will it show how well you'll do in logic.

All humans are mortal.  
Socrates is human.

Therefore:

- (a) Socrates is mortal.
- (b) Socrates is Greek.

1. Some cave dwellers use fire.  
All who use fire have intelligence.  
Therefore:
  - (a) All cave dwellers have intelligence.
  - (b) All who have intelligence use fire.
  - (c) Some cave dwellers have intelligence.
  - (d) None of these validly follows.
2. If you overslept, you'll be late.  
You aren't late.  
Therefore:
  - (a) You did oversleep.
  - (b) You didn't oversleep.
  - (c) You're late.
  - (d) None of these validly follows.
3. No one held for murder is given bail.  
Smith isn't held for murder.  
Therefore:
  - (a) Smith is given bail.
  - (b) Smith isn't given bail.
  - (c) Smith is innocent.
  - (d) None of these validly follows.
4. No court that suppresses evidence is impartial.  
Some courts subject to political pressure suppress evidence.  
Therefore:
  - (a) Some courts subject to political pressure aren't impartial.
  - (b) No courts subject to political pressure are impartial.
  - (c) Some courts subject to political pressure are impartial.
  - (d) None of these validly follows.
5. If you overslept, you'll be late.  
You didn't oversleep.  
Therefore:
  - (a) You're late.
  - (b) You aren't late.
  - (c) You did oversleep.
  - (d) None of these validly follows.

6. Every revolution is a trade disruption.  
Some trade disruptions cause financial anxiety.  
Therefore:
- Some revolutions cause financial anxiety.
  - Some revolutions don't cause financial anxiety.
  - All trade disruptions cause financial anxiety.
  - None of these validly follows.
7. Anyone who has just lost a lot of blood is likely to faint.  
No one who is likely to faint is a safe pilot.  
Therefore:
- Everyone who has just lost a lot of blood is a safe pilot.
  - No one who has just lost a lot of blood is a safe pilot.
  - All safe pilots have just lost a lot of blood.
  - None of these validly follows.
8. If there's knowledge, then either some things are known without proof or we can prove every premise by previous arguments infinitely.  
We can't prove every premise by previous arguments infinitely.  
There's knowledge.  
Therefore:
- Everything that's known is provable.
  - There's no knowledge.
  - Some things are known without proof.
  - None of these validly follows.
9. No person desiring to help others is reluctant to make sacrifices.  
Some masochists aren't reluctant to make sacrifices.  
Therefore:
- Some masochists desire to help others.
  - Some masochists don't desire to help others.
  - All masochists desire to help others.
  - None of these validly follows.
10. Only language users employ generalizations.  
Not a single animal uses language.  
At least some animals reason.  
Therefore:
- Not all reasoning beings employ generalizations.
  - Only reasoning beings employ generalizations.
  - No reasoning beings employ generalizations.
  - None of these validly follows.

For help on the problems, do the "Logic Tutorial" on the Internet. Go to the Web address on the right: ➔

Answer key: 1 C, 2 B, 3 D, 4 A, 5 D, 6 D, 7 B, 8 C, 9 D, 10 A.

<b>Internet - Logic Tutorial</b>							
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Address: <a href="http://www.harryhiker.com/logic.htm">http://www.harryhiker.com/logic.htm</a>							
<b>Logic Pretest</b>							
The best introduction to logic is to DO some logic...							