

8. Aristotelian Logic The Categorical Syllogism: Invalidity

A. For each of the following forms, state whether it is valid. If it is not, state what rule it violates.

1. $\frac{Epm}{\frac{Asm}{Esp}}$

2. $\frac{Emp}{\frac{Ams}{Osp}}$

3. $\frac{Emp}{\frac{Ems}{Esp}}$

4. $\frac{Imp}{\frac{ImS}{Isp}}$

5. $\frac{Apm}{\frac{Asm}{Isp}}$

6. $\frac{Opm}{\frac{Asm}{Esp}}$

7. $\frac{Opm}{\frac{Asm}{Osp}}$

8. $\frac{Amp}{\frac{Oms}{Osp}}$

9. $\frac{Apm}{\frac{Ems}{Esp}}$

10. $\frac{Epm}{\frac{IsM}{Esp}}$

11. $\frac{Asm}{\frac{Amp}{Ips}}$

12. $\frac{Apm}{\frac{Ams}{Isp}}$

13. $\frac{Amp}{\frac{Asm}{Esp}}$

14. $\frac{Amp}{\frac{IsM}{Isp}}$

15. $\frac{Apm}{\frac{Osm}{Osp}}$

16. $\frac{Amp}{\frac{Oms}{Osp}}$

17. $\frac{Omp}{\frac{Ams}{Osp}}$

18. $\frac{Opm}{\frac{Asm}{Osp}}$