8) a) $\underbrace{3+2=6}_{F} \rightarrow \underbrace{4+4=9}_{F} = V$

b) $\underbrace{0<1}_{V} \rightarrow \underbrace{\sqrt{2} \text{ irracional}}_{V} = V$

c) $\underbrace{\sqrt{3}>1}_{V} \rightarrow \underbrace{-1<-2}_{F} = F$

d) $\underbrace{\sqrt{3}>\sqrt{2}}_{V} \rightarrow \underbrace{2^0=2}_{F} = F$

e) $\underbrace{\sqrt{-1}=-1}_{F} \rightarrow \underbrace{\sqrt{25}=5}_{V} = V$

f) $\underbrace{\pi=4}_{F} \rightarrow \underbrace{3=\sqrt{5}}_{F} = V$

9) a) $V \leftrightarrow V = V$
b) $F \leftrightarrow F = V$
c) $V \leftrightarrow F = F$
d) $V \leftrightarrow V = V$
e) $F \leftrightarrow F = V$