

```
SetAlgebra["s12"] := (  
  Print["In s12:  $\langle e, h, f \rangle / ([h, e] = 2e, [h, f] = -2f, [e, f] = h)$  ."];  
  B[h, e] = 2 e; B[h, f] = -2 f; B[e, f] = h;  
  $Algebra = "s12";  
  $Basis = {e, h, f};  
  $PBWRule = {e  $\rightarrow$  1, h  $\rightarrow$  2, f  $\rightarrow$  3};  
  NilQ[e] = NilQ[f] = True; NilQ[h] = False;  
);
```