```
% c:/Users/IOT Lab/Desktop/cryptarithmetic.pl compiled 0.00 sec, 9 clauses
?-  sum([0,S,E,N,D],[0,M,O,R,E],[M,O,N,E,Y]).
S = 7,
E = 5,
N = 3,
D = 1,
M = 0,
O = 8,
R = 2,
Y = 6 ;
S = 5,
E = 7,
N = 3,
D = 1,
M = 0,
O = 6,
R = 4,
Y = 8 ;
S = 3,
E = 8,
N = 2,
D = 1,
M = 0,
O = 4,
R = 6,
Y = 9 ;
S = 6,
E = 8,
N = 5,
D = 1,
M = 0,
O = 7,
R = 3,
Y = 9 ;
S = 8,
E = 4,
N = 3,
D = 2,
M = 0,
O = 9,
R = 1,
Y = 6 ;
S = 8,
E = 5,
N = 4,
D = 2,
M = 0,
O = 9,
R = 1,
Y = 7 ;
S = 3,
E = 7,
N = 1,
D = 2,
M = 0,
O = 4,
R = 6,
Y = 9 ;
S = 5,
E = 7,
N = 3,
D = 2,
```