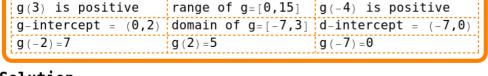


d-intercept = (-7,0) g(-4) is negative

```
range of g=[0,15]
g(-7) is zero
                                           g(-2) = 7
g-intercept = (0,1)
                     domain of g=[-7,3]
                                            g(0) = 1
                  range of g = [-1,14]
g(-7) = 0
                                        d-intercept = (-7,0)
g(-4) = 15
                  g(0) = 1
                                        g(2) is positive
g(3) is positive g-intercept = (0,1)
                                        domain of g=[-6,4]
```



Solution

g(3) = 8

