ASSIGNMENT PART 1: PRACTICE BY SOLVING

Assume int x = 8; int y = 5; int a = 10; int b = 3;

(1.7..) 12 / 7 = N7 = 1   (3.3) 100 / 30 = ~~3.33~~ 3

G.3   3 / 9 = O   -   0 / 5 = O

0.5   1 / 2 = O   (-0.5) -4/8 = O

16.67   100/6.0 = 16.67   (2.5) 30.0/12 = 2.5

2.6   x / b = 2   (0.625) y / x = O
     8/3

3.3   a / b = 3   (double)a / b = 3.3...
     10/3

     y / (double) b = 1.67   b/(double)a = 0.3

     (double)(y/x) = O   (double)(10/7) = 1.0

     100 % 12 = 4   4 % 12 = 4
     8.3

     10 % 10 = O   15 % 30 = 15

     30 % 15 = O   0 % 7 = O

     x % y = 3   a % x = 2
     8 /.5   10 /.8
     b % a = 3   a % b = 1
     3 /. O   10 /.3
     0 % y = O   1 % b = 1
                 1 /.3
     y % 0 = error   a % a = O

What are all possible results for n % 7?   (0, 1 ... 6)