**Practice Evaluating Functions**

**Part I: Equations.**

f(x) = 3x – 4 g(x) = x2 + 2 h(x) = 10 – 2x

1. f(3) = 2. g(5) = 3. h(-3)=

4. f(x) = 11 5. g(x) = 18 6. h(x) = 4

**Part II: Graphs**

1. f(2) = 5. f(x) = 4

2. f(4)= 6. f(x) = 1

3. f(1) = 7. f(x) = 6

4. f(8)= 8. f(x) = 3

**Part III: From a Table**

|  |  |  |
| --- | --- | --- |
| x | f(x) | g(x) |
| -3 | 8 | -29 |
| -2 | 3 | -21 |
| -1 | 0 | -13 |
| 0 | -1 | -5 |
| 1 | 0 | 3 |
| 2 | 3 | 11 |
| 3 | 8 | 19 |

1. f(2) = 4. g(x) = 3 7. g(0) =

2. g(-1)= 5. f(x) = -1 8. g(x) = 19

3. f(1) = 6. f(x) = 0 9. When is g(x) > f(x)