

## Homework

Name \_\_\_\_\_

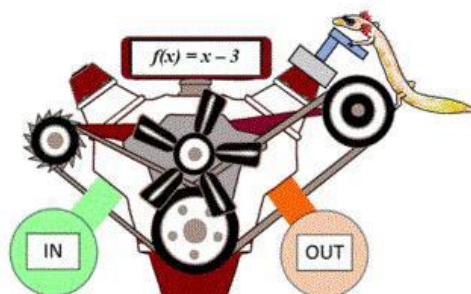
Date \_\_\_\_\_

Grade: 6<sup>th</sup>

Miss Angela Díaz

### INPUT OUTPUT FUNCTION TABLES

Find the value of  $f(x)$  in each of these function machines.



1)  $f(x) = x - 4$

| $x$            | $f(x)$ |
|----------------|--------|
| 6              |        |
| 21             |        |
| 15             |        |
| 37             |        |
| $6\frac{1}{2}$ |        |
| $9\frac{1}{4}$ |        |

2)  $f(x) = 6x$

| $x$ | $f(x)$ |
|-----|--------|
| 5   |        |
| 11  |        |
| 6   |        |
| 12  |        |
| 9   |        |
| 0   |        |

3)  $f(x) = \frac{1}{2}x$

| $x$ | $f(x)$ |
|-----|--------|
| 12  |        |
| 26  |        |
| 11  |        |
| 19  |        |
| 54  |        |
| 37  |        |

4)  $f(x) = x \div 3$

| $x$ | $f(x)$ |
|-----|--------|
| 27  |        |
| 36  |        |
| 18  |        |
| 42  |        |
| 60  |        |
| 15  |        |

5)  $f(x) = 2x + 1$

| $x$ | $f(x)$ |
|-----|--------|
| 4   |        |
| 9   |        |
| 12  |        |
| 0   |        |
| 7   |        |
| 15  |        |

6)  $f(x) = 20 - x$

| $x$            | $f(x)$ |
|----------------|--------|
| 16             |        |
| 3              |        |
| 11             |        |
| $5\frac{1}{2}$ |        |
| $8\frac{1}{2}$ |        |
| $3\frac{1}{4}$ |        |

7)  $f(x) = 3x + 5$

|     |   |    |   |    |    |
|-----|---|----|---|----|----|
| In  | 5 | 12 | 9 | 20 | 11 |
| Out |   |    |   |    |    |

8)  $f(x) = \frac{1}{4}x$

|     |   |    |    |    |    |
|-----|---|----|----|----|----|
| In  | 8 | 20 | 32 | 48 | 64 |
| Out |   |    |    |    |    |