

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

### Function Tables

Write the rule as an equation in terms of 'x' for each of the function table:

| $y =$ |     |
|-------|-----|
| $x$   | $y$ |
| -3    | -6  |
| -1    | -4  |
| 2     | -1  |
| 4     | 1   |
| 5     | 2   |

| $y =$ |     |
|-------|-----|
| $x$   | $y$ |
| -1    | 4   |
| 2     | 7   |
| 4     | 9   |
| 6     | 11  |
| 7     | 12  |

| $y =$ |     |
|-------|-----|
| $x$   | $y$ |
| -2    | 8   |
| 0     | 0   |
| 1     | -4  |
| 3     | -12 |
| 5     | -20 |

| $y =$ |     |
|-------|-----|
| $x$   | $y$ |
| -4    | -7  |
| -1    | -1  |
| 0     | 1   |
| 4     | 9   |
| 8     | 17  |

| $y =$ |     |
|-------|-----|
| $x$   | $y$ |
| -5    | -46 |
| -2    | -19 |
| 1     | 8   |
| 3     | 26  |
| 4     | 35  |

| $y =$ |     |
|-------|-----|
| $x$   | $y$ |
| -6    | -2  |
| -3    | -1  |
| 0     | 0   |
| 6     | 2   |
| 9     | 3   |

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### Answers

| $y = x - 3$ |     |
|-------------|-----|
| $x$         | $y$ |
| -3          | -6  |
| -1          | -4  |
| 2           | -1  |
| 4           | 1   |
| 5           | 2   |

| $y = x + 5$ |     |
|-------------|-----|
| $x$         | $y$ |
| -1          | 4   |
| 2           | 7   |
| 4           | 9   |
| 6           | 11  |
| 7           | 12  |

| $y = -4x$ |     |
|-----------|-----|
| $x$       | $y$ |
| -2        | 8   |
| 0         | 0   |
| 1         | -4  |
| 3         | -12 |
| 5         | -20 |

| $y = 2x + 1$ |     |
|--------------|-----|
| $x$          | $y$ |
| -4           | -7  |
| -1           | -1  |
| 0            | 1   |
| 4            | 9   |
| 8            | 17  |

| $y = 9x - 1$ |     |
|--------------|-----|
| $x$          | $y$ |
| -5           | -46 |
| -2           | -19 |
| 1            | 8   |
| 3            | 26  |
| 4            | 35  |

| $y = x/3$ |     |
|-----------|-----|
| $x$       | $y$ |
| -6        | -2  |
| -3        | -1  |
| 0         | 0   |
| 6         | 2   |
| 9         | 3   |