

# Function Tables

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

| <p>1. <math>y = 3x + 6</math></p> <table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>3</td><td></td></tr> <tr><td>5</td><td></td></tr> <tr><td>7</td><td></td></tr> <tr><td>9</td><td></td></tr> </tbody> </table>                             | x | y | 3  |  | 5  |  | 7              |  | 9  |  | <p>2. <math>y = 3x + 2</math></p> <table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-6</td><td></td></tr> <tr><td>-2</td><td></td></tr> <tr><td>-1</td><td></td></tr> <tr><td>2</td><td></td></tr> </tbody> </table> | x | y | -6 |  | -2 |  | -1 |  | 2  |  | <p>3. <math>y = -4x - 4</math></p> <table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-8</td><td></td></tr> <tr><td>-5</td><td></td></tr> <tr><td>-2</td><td></td></tr> <tr><td>0</td><td></td></tr> </tbody> </table>                     | x | y | -8 |  | -5 |  | -2            |  | 0 |  |
|---|---|---|----|--|----|--|----------------|--|----|--|--|---|---|----|--|----|--|----|--|----|--|---|---|---|----|--|----|--|---------------|--|---|--|
| x   | y |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 3   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 5   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 7   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 9   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| x   | y |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -6  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -2  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -1  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 2   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| x   | y |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -8  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -5  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -2  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 0   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| <p>4. <math>y = 3x - 3</math></p> <table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-8</td><td></td></tr> <tr><td>-6</td><td></td></tr> <tr><td>0</td><td></td></tr> <tr><td>6</td><td></td></tr> </tbody> </table>                           | x | y | -8 |  | -6 |  | 0              |  | 6  |  | <p>5. <math>y = -3x + 4</math></p> <table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-6</td><td></td></tr> <tr><td>0</td><td></td></tr> <tr><td>4</td><td></td></tr> <tr><td>6</td><td></td></tr> </tbody> </table>  | x | y | -6 |  | 0  |  | 4  |  | 6  |  | <p>6. <math>y = 4x + 2</math></p> <table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-1</td><td></td></tr> <tr><td>0</td><td></td></tr> <tr><td><math>\frac{1}{2}</math></td><td></td></tr> <tr><td>1</td><td></td></tr> </tbody> </table> | x | y | -1 |  | 0  |  | $\frac{1}{2}$ |  | 1 |  |
| x   | y |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -8  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -6  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 0   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 6   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| x   | y |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -6  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 0   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 4   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 6   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| x   | y |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -1  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 0   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| $\frac{1}{2}$   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 1   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| <p>7. <math>y = -3x - 1</math></p> <table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-3</td><td></td></tr> <tr><td>-2</td><td></td></tr> <tr><td><math>-\frac{1}{2}</math></td><td></td></tr> <tr><td>-1</td><td></td></tr> </tbody> </table> | x | y | -3 |  | -2 |  | $-\frac{1}{2}$ |  | -1 |  | <p>8. <math>y = -4</math></p> <table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-6</td><td></td></tr> <tr><td>1</td><td></td></tr> <tr><td>4</td><td></td></tr> <tr><td>7</td><td></td></tr> </tbody> </table>       | x | y | -6 |  | 1  |  | 4  |  | 7  |  | <p>9. <math>y = -4x + 6</math></p> <table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-5</td><td></td></tr> <tr><td>-4</td><td></td></tr> <tr><td>7</td><td></td></tr> <tr><td>8</td><td></td></tr> </tbody> </table>                      | x | y | -5 |  | -4 |  | 7             |  | 8 |  |
| x   | y |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -3  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -2  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| $-\frac{1}{2}$  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -1  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| x   | y |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -6  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 1   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 4   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 7   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| x   | y |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -5  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -4  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 7   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 8   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| <p>10. <math>y = -x + 3</math></p> <table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-5</td><td></td></tr> <tr><td>-2</td><td></td></tr> <tr><td>1</td><td></td></tr> <tr><td>4</td><td></td></tr> </tbody> </table>                          | x | y | -5 |  | -2 |  | 1              |  | 4  |  | <p>11. <math>y = 4x - 3</math></p> <table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>2</td><td></td></tr> <tr><td>1</td><td></td></tr> <tr><td>0</td><td></td></tr> <tr><td>-1</td><td></td></tr> </tbody> </table>  | x | y | 2  |  | 1  |  | 0  |  | -1 |  | <p>12. <math>y = -4x - 5</math></p> <table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-3</td><td></td></tr> <tr><td>-2</td><td></td></tr> <tr><td>-1</td><td></td></tr> <tr><td>0</td><td></td></tr> </tbody> </table>                    | x | y | -3 |  | -2 |  | -1            |  | 0 |  |
| x   | y |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -5  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -2  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 1   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 4   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| x   | y |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 2   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 1   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 0   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -1  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| x   | y |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -3  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -2  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -1  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 0   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| <p>13. <math>y = x</math></p> <table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>8</td><td></td></tr> <tr><td>6</td><td></td></tr> <tr><td>0</td><td></td></tr> <tr><td>-6</td><td></td></tr> </tbody> </table>                                | x | y | 8  |  | 6  |  | 0              |  | -6 |  | <p>14. <math>y = -x</math></p> <table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>8</td><td></td></tr> <tr><td>6</td><td></td></tr> <tr><td>0</td><td></td></tr> <tr><td>-6</td><td></td></tr> </tbody> </table>      | x | y | 8  |  | 6  |  | 0  |  | -6 |  | <p>15. <math>y = 3x - 4</math></p> <table border="1"> <thead> <tr><th>x</th><th>y</th></tr> </thead> <tbody> <tr><td>-6</td><td></td></tr> <tr><td>1</td><td></td></tr> <tr><td>4</td><td></td></tr> <tr><td>7</td><td></td></tr> </tbody> </table>                       | x | y | -6 |  | 1  |  | 4             |  | 7 |  |
| x   | y |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 8   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 6   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 0   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -6  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| x   | y |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 8   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 6   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 0   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -6  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| x   | y |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| -6  |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
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| 4   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |
| 7   |   |   |    |  |    |  |                |  |    |  |  |   |   |    |  |    |  |    |  |    |  |   |   |   |    |  |    |  |               |  |   |  |