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| --- |
| **Rate of Change =** $\frac{∆y}{∆x}$ |
| From a Table

|  |  |
| --- | --- |
| x | y |
| 1 | 4 |
| 2 | 7 |
| 3 | 10 |
| 4 | 13 |
| 5 | 16 |

Rate of Change = $\frac{∆y}{∆x}=\frac{3}{1}=3$+3+3+1+1 | From a Graph

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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|  |  |  | +2 |  |  |  |  |  |  |  |
|  |  | +1 |  |  |  |  |  |  |  |  |
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Rate of Change = $\frac{∆y}{∆x}=\frac{1}{2}$ |
| **\_(y-coordinate label)\_\_ per \_\_(x-coordinate label)\_\_\_** |
| From an Equation$$y=2x+4$$Rate of Change $=\frac{2}{1}=2$ | In WordsSam has $50 in his bank account, then decides to save $5 **per** week. Rate of Change $=\frac{\$5}{1 week}=5$ |