

Find the **rate of change** based off the info in the graph.

**Rate of change: \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |
| --- | --- |
| **x** | **y** |
| -2 | 5 |
| -1 | 3 |
| 0 | 1 |
| 1 | -1 |
| 2 | -3 |

Find the **rate of change.**

**Rate of change: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

$$f\left(x\right)=\frac{5}{4}x+2$$

Find the **rate of change** and y-intercept.

**Rate of change: \_\_\_\_\_\_\_\_\_\_\_\_**

**y-intercept: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

$$f\left(x\right)=2x-2$$

Find the **rate of change** and **y-intercept**.

**Rate of change: \_\_\_\_\_\_\_\_\_\_\_\_**

**y-intercept: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

A car drives 120 miles in 2 hours and 360 miles in 5 hours. What is the car’s **rate of change**?

**Rate of change: \_\_\_\_\_\_\_\_\_\_\_\_**



Find the **rate of change** based off the info in the graph.

**Rate of change: \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |
| --- | --- |
| **x** | **y** |
| 0 | -3 |
| 1 | -2.5 |
| 2 | -2 |
| 3 | -1.5 |
| 4 | -1 |

Find the **rate of change.**

**Rate of change: \_\_\_\_\_\_\_\_\_\_\_\_**

$$f\left(x\right)=-\frac{2}{3}x-4$$

**Rate of change: \_\_\_\_\_\_\_\_\_\_\_\_**

**y-intercept: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |
| --- | --- |
| **x** | **y** |
| -5 | -10 |
| -4 | -6 |
| -3 | -2 |
| -2 | 2 |
| -1 | 6 |

Find the **rate of change.**

**Rate of change: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**