Features of Functions: Piecewise Review and Average Rate of Change


| t | $\mathrm{d}(\mathrm{t})$ |
| :--- | :--- |
| 0 | 0 |
| 2 | 1 |
| 3 | 1 |
| 4 | 1 |
| 6 | 2 |
| 8 | 3 |

1. What is the average rate of change from $t=0$ to $t=4$ ?
2. What is the average rate of change from $t=2$ to $t=8$ ?
3. What is the average rate of change from $t=4$ to $t=8$ ?


| t | $\mathrm{d}(\mathrm{t})$ |
| :--- | :--- |
| 0 | 0 |
| 1 | 2 |
| 2 | 2 |
| 3 | 2 |
| 4 | 3 |
| 5 | 4 |
| 6 | 2 |
| 7 | 0 |
| 8 | -2 |
| 9 | -4 |

1. What is the average rate of change from $t=0$ to $t=4$ ?
2. What is the average rate of change from $t=2$ to $t=8$ ?
3. What is the average rate of change from $t=4$ to $t=7$ ?
