$\qquad$

1. The following graph shows the height of a swimmer (in metres) over time (in seconds).


Determine each of the following properties:

| Domain: | Range: |
| :--- | :--- |
| x-intercepts (zeros): | y-intercept (initial value): |
| Positive: | Maximum: |
| Negative: | Minimum: |
| Increasing: |  |
| Decreasing: |  |

2. The following graph shows the temperature (in degrees Celsius) over time (in hours).

Temperature (deg Celsius)


Determine each of the following properties:

| Domain: | Range: |
| :--- | :--- |
| x-intercepts (zeros): | y-intercept (initial value): |
| Positive: | Maximum: |
| Negative: | Minimum: |
| Increasing: |  |
| Decreasing: |  |

3. The following graph shows a company's profit (in thousands of dollars) over time (in months).

Profit (\$1000)


Determine each of the following properties:

| Domain: | Range: |
| :--- | :--- |
| x-intercepts (zeros): | y-intercept (initial value): |
| Positive: | Maximum: |
| Negative: | Minimum: |
| Increasing: |  |
| Decreasing: |  |

4. The following graph shows the temperature (in degrees Celsius) over time (in hours).

Temperature (C)


Determine each of the following properties:

| Domain: | Range: |
| :--- | :--- |
| x-intercepts (zeros): | y-intercept (initial value): |
| Positive: | Maximum: |
| Negative: | Minimum: |
| Increasing: |  |
| Decreasing: |  |

