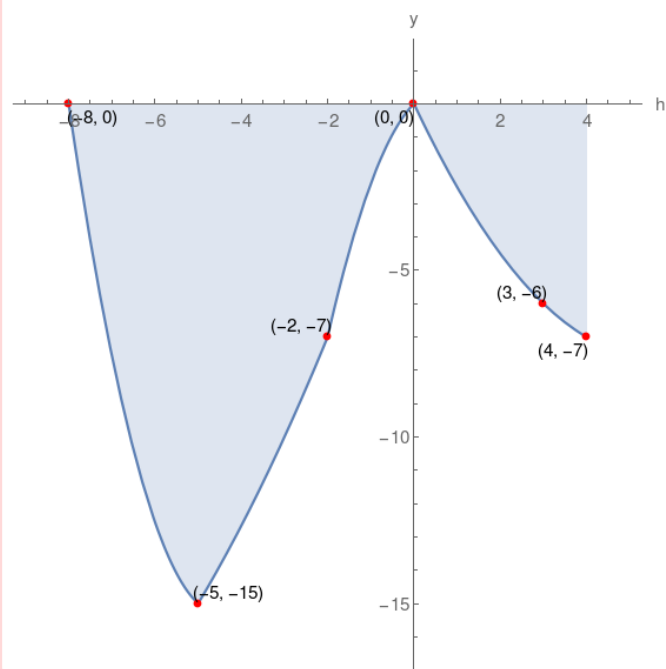


1. Given the graph of function  $y$ , which of the following choices is correct?



|                 |                                    |                           |
|-----------------|------------------------------------|---------------------------|
| $y(3) = -5$     | domain of $y = [-8, 4]$            | range of $y = [-15, 0]$   |
| $y(-8)$ is zero | $h$ -intercept = $(0, 0), (-8, 0)$ | $y$ -intercept = $(0, 0)$ |
| $y(-5) = -15$   | $y(-2) = -7$                       | $y(0)$ is zero            |

|                    |                                    |                         |
|--------------------|------------------------------------|-------------------------|
| $y(0)$ is negative | $h$ -intercept = $(0, 0), (-8, 0)$ | $y(3) = -6$             |
| $y(-2) = -7$       | range of $y = [-16, -1]$           | domain of $y = [-7, 5]$ |
| $y(-5) = -15$      | $y$ -intercept = $(0, 0)$          | $y(4)$ is negative      |

|                                    |                |                         |
|------------------------------------|----------------|-------------------------|
| $h$ -intercept = $(0, 0), (-8, 0)$ | $y(3) = -6$    | $y(-5)$ is negative     |
| $y(4) = -7$                        | $y(-8) = 0$    | range of $y = [-15, 0]$ |
| $y$ -intercept = $(0, 0)$          | $y(0)$ is zero | domain of $y = [-8, 4]$ |

|                           |                           |                         |
|---------------------------|---------------------------|-------------------------|
| $y(0)$ is zero            | domain of $y = [-8, 4]$   | range of $y = [-15, 0]$ |
| $y$ -intercept = $(0, 1)$ | $h$ -intercept = $(0, 0)$ | $y(3) = -6$             |
| $y(-2) = -7$              | $y(4)$ is negative        | $y(-8) = -1$            |

**Solution**

