

1. The equations below model the growth of two beanstalks. Compare and contrast the growth of the two beanstalks. Explain your reasoning.

$$y = 3^x \text{ and } y = 2(3^x)$$

2. The equations below model the growth of two beanstalks. Compare and contrast the growth of the two beanstalks. Explain your reasoning.

$$y = 1.7(3^x) \text{ and } y = 1.7(4^x)$$

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