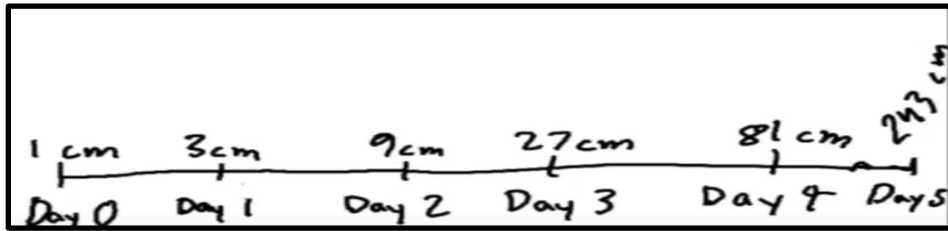


The timeline below shows the height of a beanstalk that grows by a factor of 3 every day. Suppose the distance between each tick mark is one inch.



1. What does a *one-inch* segment on the timeline represent in terms of day and height?
2. What does a *two-inch* segment on the timeline represent in terms of day and height? Why?
3. What does a *three-inch* segment on the timeline represent in terms of day and height? Why?
4. What does an *n-inch* segment on the timeline represent in terms of day and height? Why?

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