

In the previous tasks, you worked to create two equations,  $3^{2+a} = 3^2 * 3^a$  and  $3^{b+5} = 3^b * 3^5$ , where  $a$  was any number of days the beanstalk grew for, and  $b$  was an unknown starting day.

1. Write an equation that represents the height of the beanstalk for any number of days after an unknown starting day.

2. What would that look like on your number line?

