

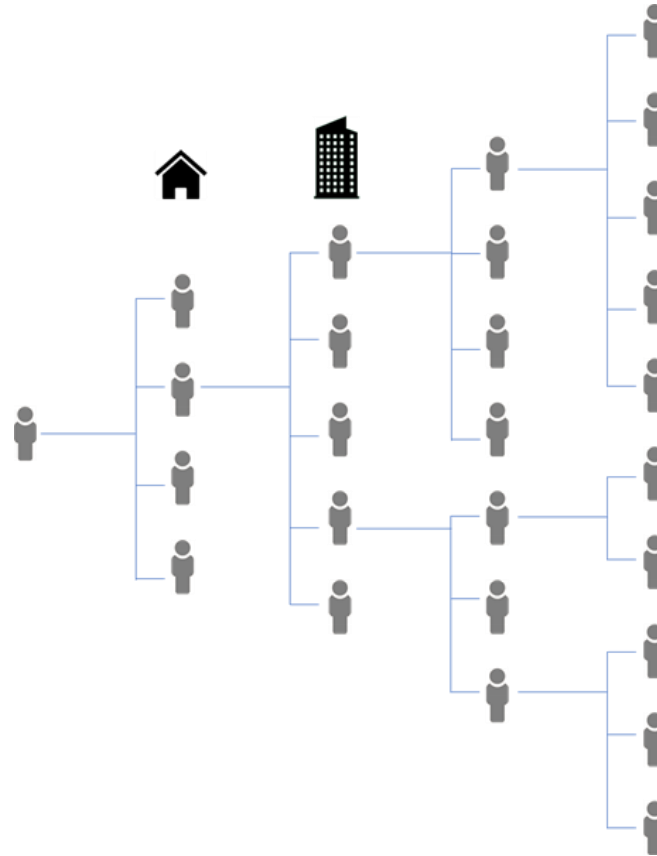


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What Is Exponential Growth?

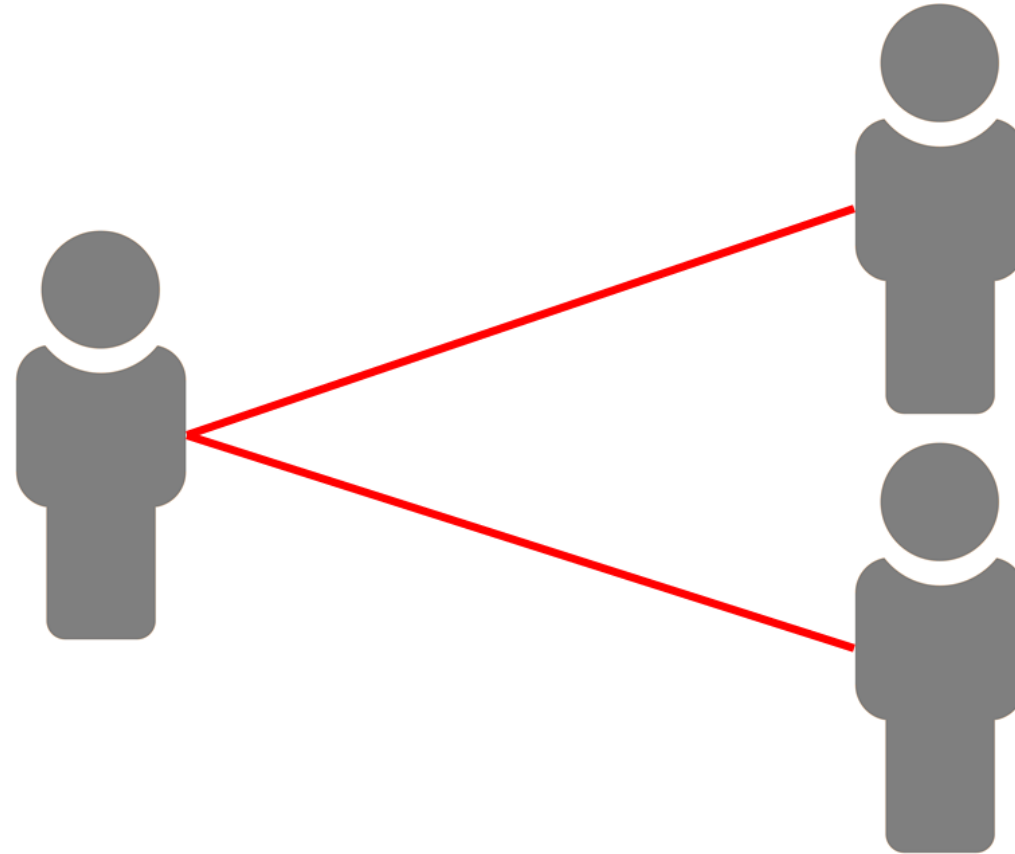
Keep Your Child Safe From COVID-19 Series

What Is Exponential Growth?



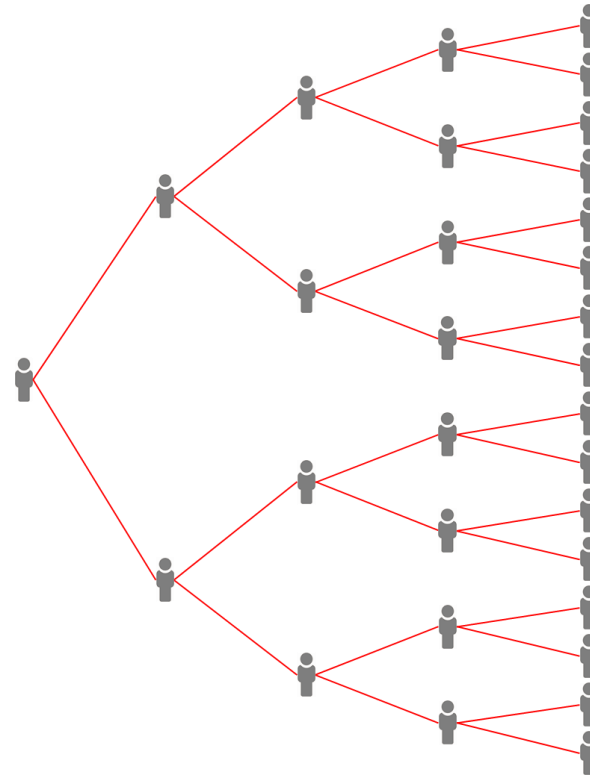
In the previous lesson, we learnt about how people who are **infected** with the **COVID-19 virus** can go on to **infect** others.

What Is Exponential Growth?



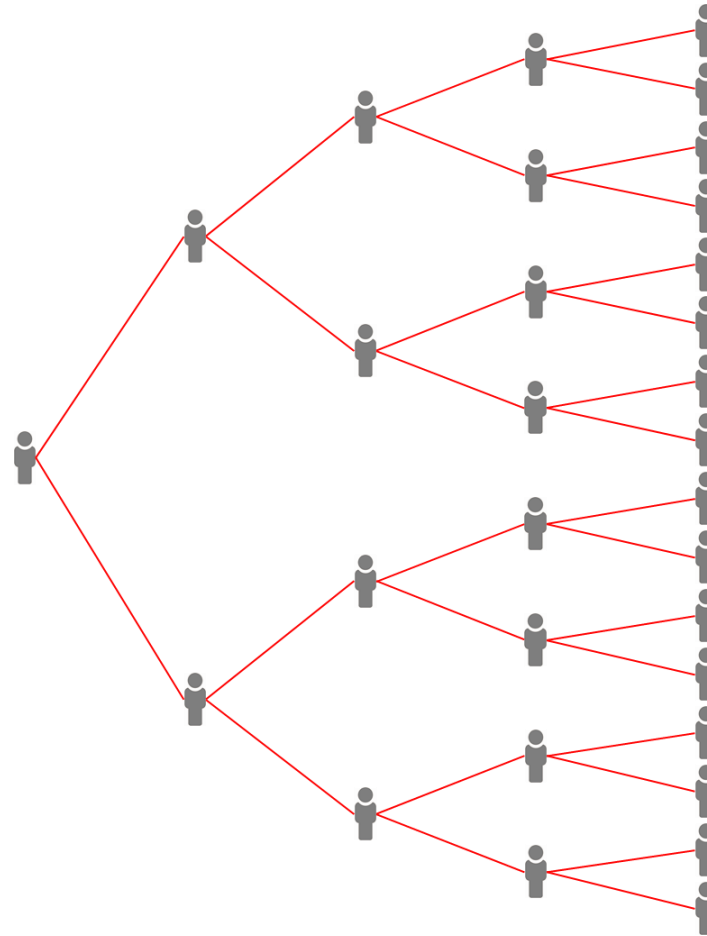
An **infected** person with **COVID-19 virus** on average goes on to **infect** 2 to 3 persons.

What Is Exponential Growth?



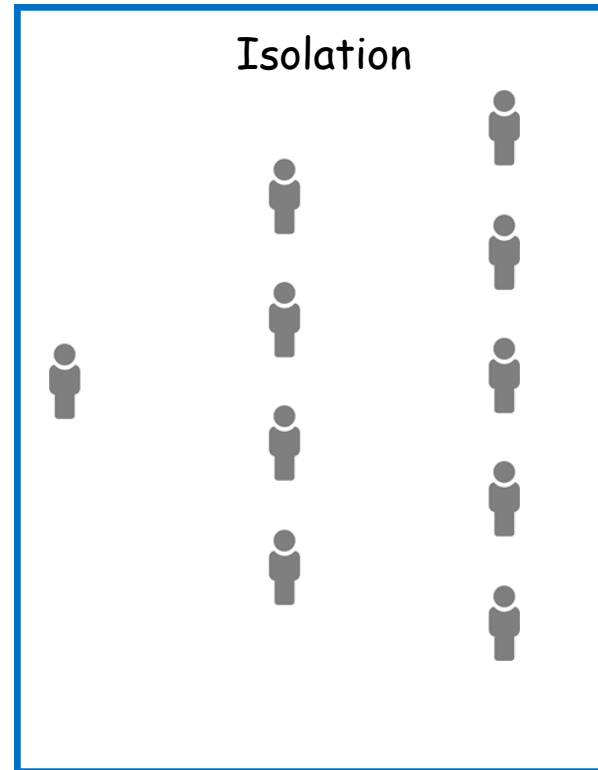
If every single **infected** person with the **COVID-19 virus** **infects** 2 persons, the number of **infected** persons would grow very fast!

What Is Exponential Growth?



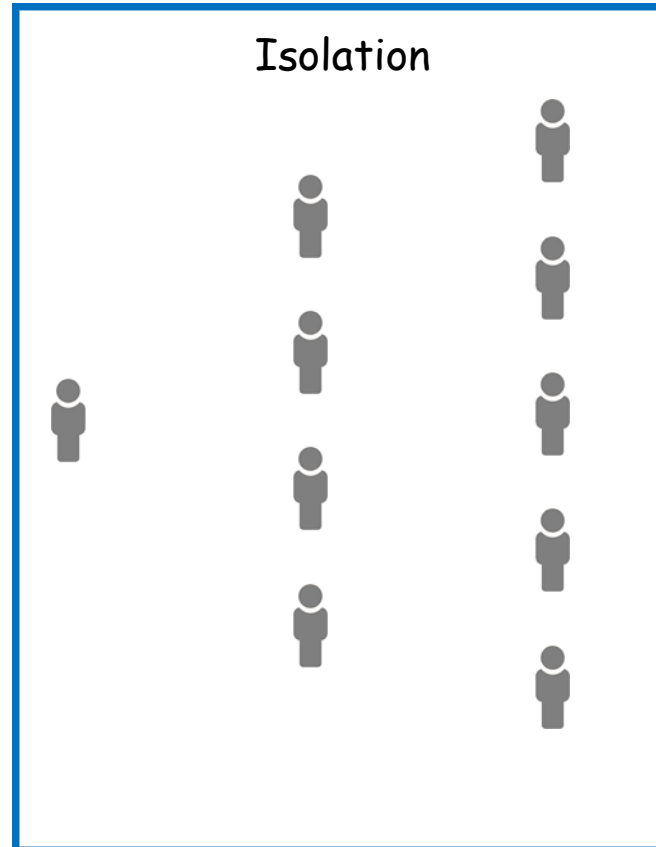
This is called **exponential growth**.

What Is Exponential Growth?



To stop this **exponential growth**, it is important for us to stay away from crowds and social gatherings during this period.

What Is Exponential Growth?



Isolating those who may be **infected** at home will also help to stop this **exponential growth** of **COVID-19**.

What Is Exponential Growth?

Hands-on Time

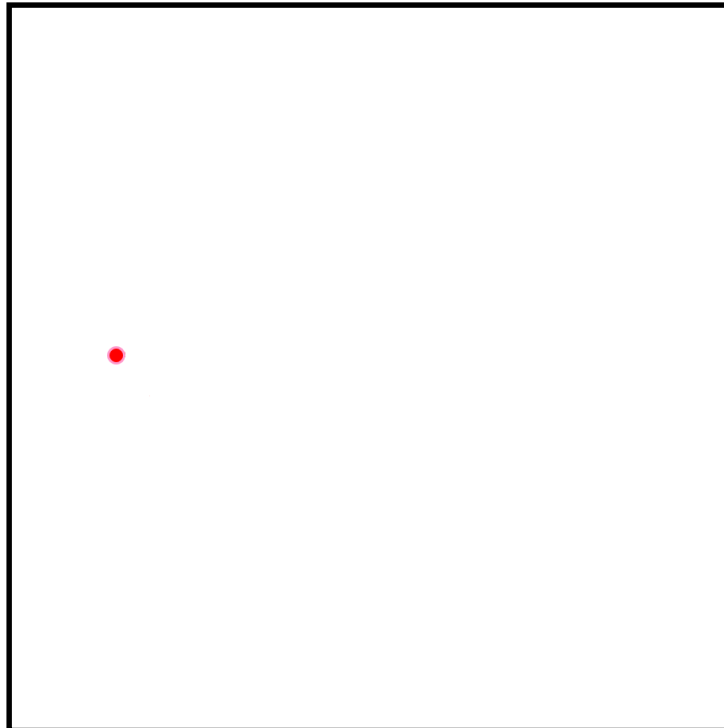
Mission:

Let's do a diagram using stickers to see the exponential growth for COVID-19.

What Is Exponential Growth?

Steps:

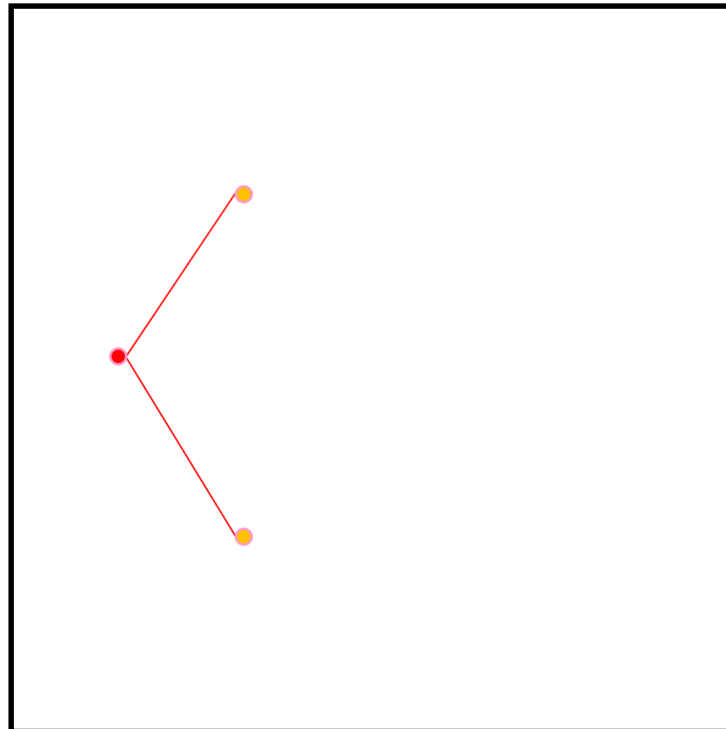
1. Paste a sticker to represent 1 infected person on a large sheet of paper.



What Is Exponential Growth?

Steps:

2. For each sticker, take turns to paste 2 more stickers and draw lines to link.



What Is Exponential Growth?

Steps:

3. Repeat step 2 until the sheet of paper is filled up.

