**Viruses aka Growing Dots**

**Growing Dots** (Seago, Mumme, & Branca, 2004). *Learning and Teaching Linear Function*

Work on the task (Growing Dots 1) independently. Dr. Bostic will let you know when it appears peers are ready to chat. As you answer the questions, attend to our mathematics norms (e.g., solving it a different way).

**SMP Evidence:** Write down below which of the 8 SMP’s **you** were engaging in during the solving of this task.

**Video: Student’s algebraic connections**

Pay close attention to the student thinking in the video.

What evidence is there about what particular students know?

What evidence is there about what particular students do not know?

Describe any SMPs and evidence related to the SMPs occurring in the video.

**Growing Dots** (Seago, Mumme, & Branca, 2004). *Learning and Teaching Linear Function*

Work on the task (Extension 1) independently. Dr. Bostic will let you know when it appears peers are ready to chat. As you answer the questions, attend to our mathematics norms (e.g., solving it a different way).

**Growing Dots – Looking at Teaching and Learning**

(Seago, Mumme, & Branca, 2004). *Learning and Teaching Linear Function*

Go back to the first Growing Dots task (Growing Dots 1). How many dots will there be in the 48th minute? Explain your reasoning with proper mathematical notation below.