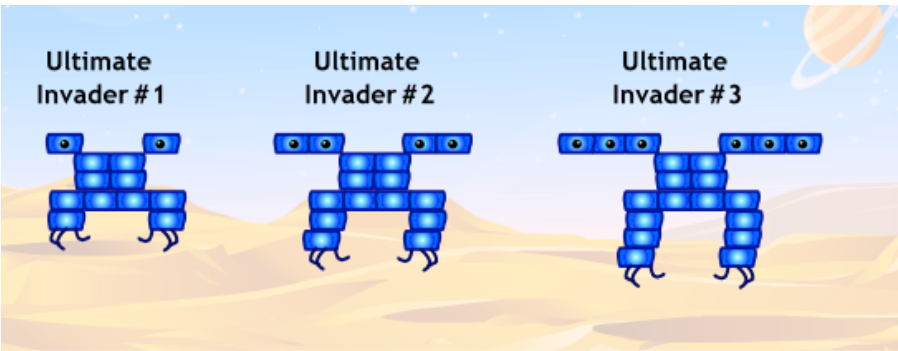
Student: _____ Class: _____ Date:_____

Equations and inequalities

Block 4 Student Activity Sheet

1. Study the growth of The Ultimate Invader aliens. What are different ways to see the growth? Draw Alien #5.



2. Build a table of family member number, ***x***, and the number of body parts, ***y***.

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Student: _____ Class: _____ Date:_____

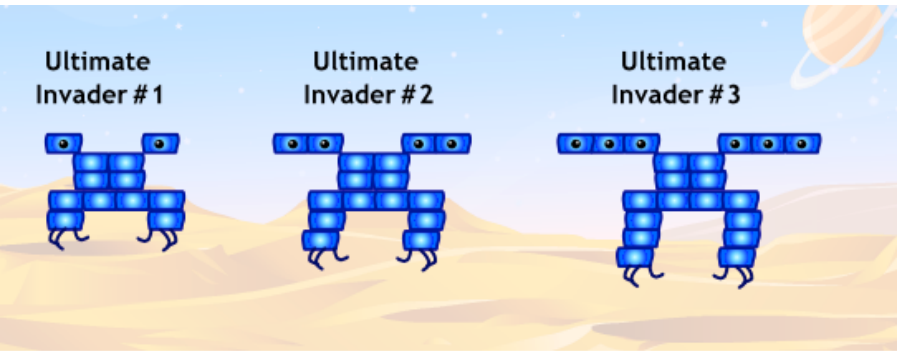
Equations and inequalities

Block 4 Student Activity Sheet

For questions 3 through 5, show three different ways of seeing how the invader family is growing.

3. Method 1 of growth:

   a. Illustrate the growth using a picture of the first three members.



   b. Explain this method of counting the growth.

   c. Write an equation that reflects this way of thinking about the growth if ***y*** is the number of body parts (or squares) and ***x*** is the family member number.

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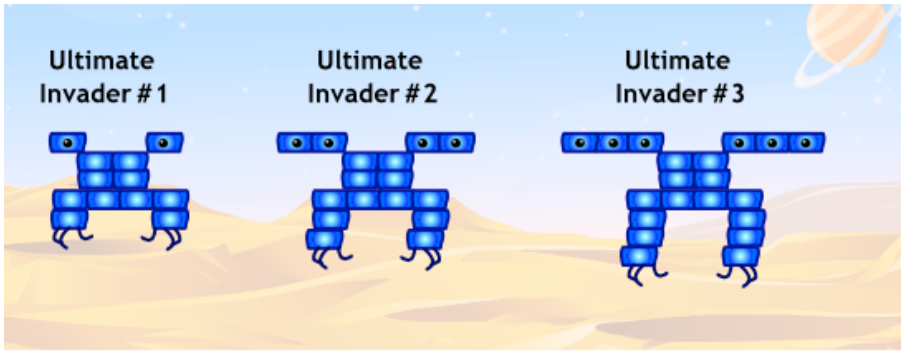
4. Method 2 of growth:

   a. Illustrate the growth using a picture of the first three members.



   b. Explain this method of counting the growth.

   c. Write an equation that reflects this way of thinking about the growth if ***y*** is the number of body parts (or squares) and ***x*** is the family member number.

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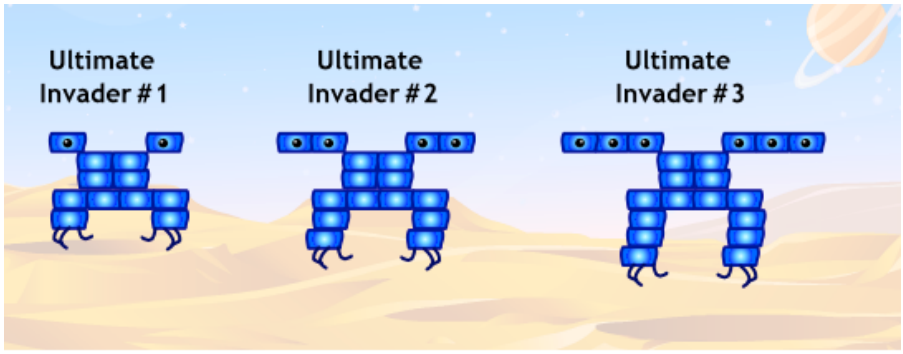
5. Method 3 of growth:

   a. Illustrate the growth using a picture of the first three members.



   b. Explain this method of counting the growth.

   c. Write an equation that reflects this way of thinking about the growth if ***y*** is the number of body parts (or squares) and ***x*** is the family member number.

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