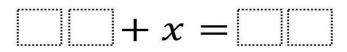
# Island Numeracy Assessment Grade 6+: Patterning

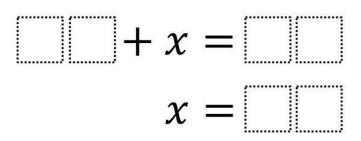
### **Collaborative Task 1**

#### Complete the following problems

(if the students can easily solve the first problem then have them solve the second one or have them choose which problem they would like to try):



Using the digits 1 to 9 **at most once**, create an equation where x has the greatest value.



Using the digits 1 to 9 **at most one time each**, place a digit in each box to make the equation true.

## Island Numeracy Assessment Grade 6+: Patterning

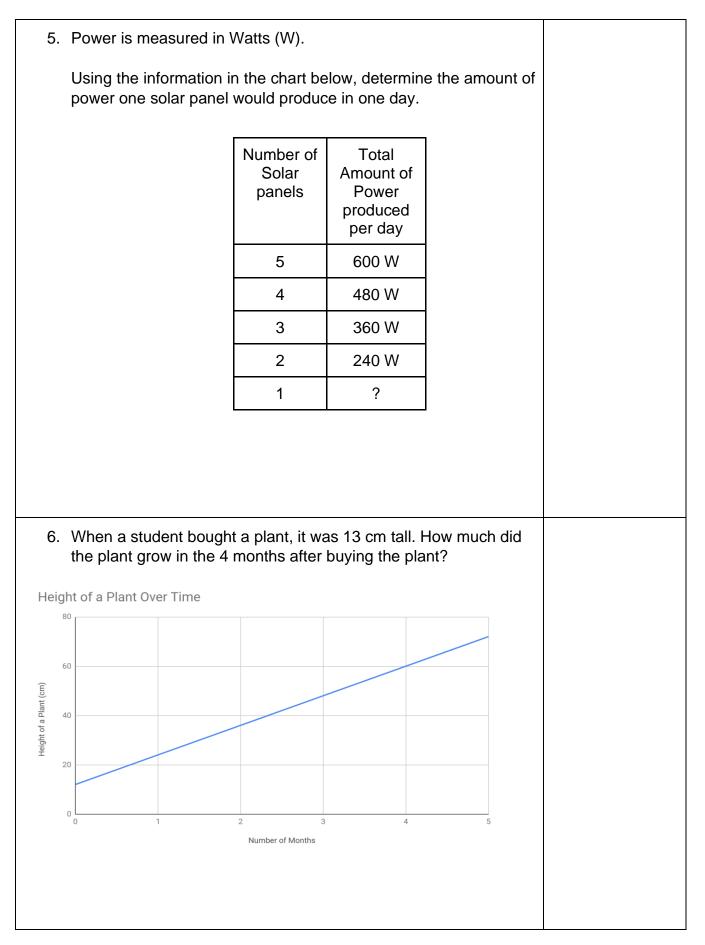
### **Collaborative Task 2**

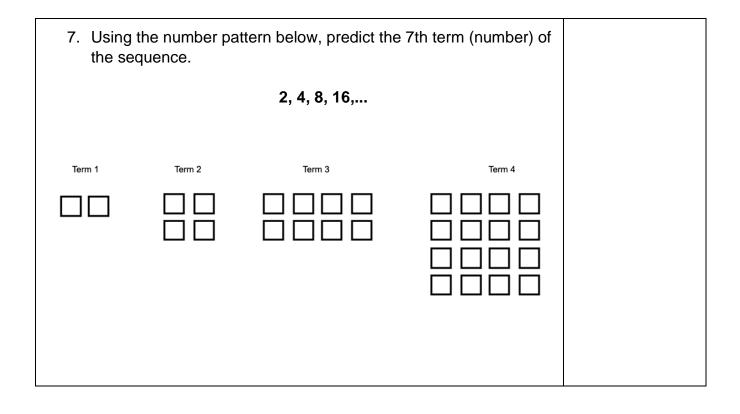
A student has five cubes. Each one is 2 cm taller than the previous one. The largest cube is the same height as a tower built of the two smallest cubes.

How high would a tower of all five cubes be?

# Island Numeracy Assessment Grade 6+: Number Sense A

essment Question				Reflections
. So	lve for x. S	how your th	inking.	
5 + 7 = x + 3				
2. So	lve for x. Sł	now your th	nking.	
		16	+ x = 74	
B. Usi	ing the patt	ern rule, 4n	+ 3 fill in the table below.	
	Input	Output		
	1	7		
	2			
	3			
	4	19		
	5			
		at the patte lues below.	rn rule might be using the information in	
	Input	Output		
	1	3		
		5		
	2	<u> </u>		
	2	7		
	-			





# Island Numeracy Assessment Grade 6+: Patterning

### Performance Task:

In the center of the page you will see the first 4 terms in a pattern series. Look at the pattern and determine how it changes for each term and then using that information complete the table below.

