## Answer Key • Lesson 3: Growth Patterns on Planet Gzorp

## Student Activity Book

More Patterns from Gzorp Questions 1–5 (SAB pp. 365–367)

Long-Tailed Dragon Fly Ι. Α Age in Years Size in Squares 1 7 2 8 3 9 4 10 5 11 6 12 20 26 239 245 S = A + 6

## 2. Add Three Shark

A Age in Years	S Size in Squares
1	4
2	7
$\frac{2}{3}$	10
4	13
5	16
10	31
12	37
50	151
S = A >	< 3 + 1

## 3. Four Stripes Snake

 $\frac{6}{15}$ 

50

 $S = A \times 2 + 1$ 

Four Surpes Shake				
A Age in Years	S Size in Squares			
1	2			
2 3 4	10			
4	14			
5	18			
10	38			
20	78			
30	118			
$S = 4 \times A - 2$				
Names will vary				
A Age in Years	S Size in Squares			
1	5			
2	7			
$\frac{2}{3}$	9			
	11			
5	13			

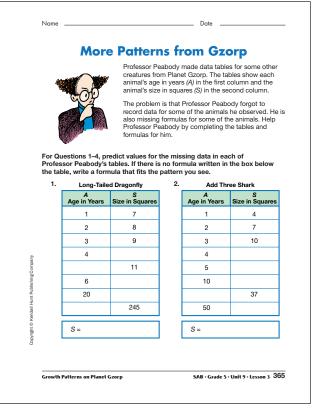
**5.\*** Drawings and responses will vary. See Figure 6 in the lesson for possible responses.

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\*Answers and/or discussion are included in the lesson.



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Four S	Stripes Snake	4.		
A Age in Year	S Size in Squares		A Age in Years	S Size in Squares
1			1	5
2			2	7
3			3	9
4				11
5			5	
	38		6	15
20			15	
30			50	
$S = 4 \times A$				

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√ c	Theck-In: Question 5
5.	For the table in Question 4, use square-inch tiles to build a model of a new animal from Gzorp that fits the data. Name the animal and write it as the title of the data table. Make drawings of the animal for each age from 1 through 5 years. Show how you know that your animal's growth matches the data and formula from Question 4.

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4.