

Name: \_\_\_\_\_ Teacher: \_\_\_\_\_ School: \_\_\_\_\_

**Grade 6: Lesson 11** Generate Equivalent Ratios

Solve the problems. You may use a calculator, if needed.

1. A wildlife conservatory maintains a ratio of 2 squirrel for every 8 birds. How many birds would there be if there were 16 squirrels? Complete the table below.

Animals				
Squirrels	2	4		16
Birds	8		40	

2. At Rolling Hills Middle School, the ratio of the total number of students to the number of students with pets is 3 to 1. If there are 243 students at the school, how many students have pets?

Number of Students with Pets	1	3	9	
Total Number of Students	3	9		243

3. Scientists study ways to increase the population of wild salmon. Currently for every 8,000 eggs, only 2 adults may survive. How many salmon eggs may be needed to produce 18 adult salmon?

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