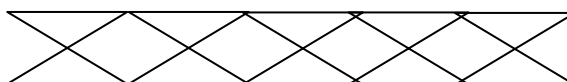
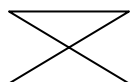




Patterning and Number: **Word Problems 3rd Grade**

Name: _____

1. A gust of wind caught the clown's balloon bouquet, and 27 balloons flew off, he only has 77 left. How many balloons did he have? Explain.
2. If there are 4 square tables and each person can sit around a side. How many tables will you need for 35 people?
3. Describe a more efficient way to add , 13 and 17 and explain why it is more efficient to add that way.
4. If a hen laid 1 egg on Monday, 2 eggs on Tuesday, 3 eggs on Wednesday and the pattern continued, how many eggs would the hen have laid by the 7th day? **When would it reach 55 eggs?**
5. $1 \times 10 = 10$, $3 \times 10 = 30$, $100 \times 300 = 300$, $10 \times 10 = 100$. Explain how to multiply numbers ending in 0.
6. I have 9 hexagon shaped tables and 4 pentagon shaped tables, how many sides are there altogether?
7. Explain how to check a subtraction question through addition.
(Use $42 - 15$)
8. Give the rule for the following pattern: 49, 42, 35, 28, and provide the next 3 numbers in the pattern.
9. Use 2 colors and 3 shapes to create a pattern that repeats at least 3 times. Describe the pattern.
10. The shape below has 2 triangles. If I put them together as shown, how many triangles will I have if I add 8 more to the one below?



Patterning Answers

Word Problems

3rd Grade

1. 104 because he has 77 but he had 77 plus 27 before the wind blew them away.
2. 9 tables and 1 side will be empty.
3. $7 + 3 = 10$ and $10 + 10 = 20$ so I know the answer is 30
4. 28 eggs on the 7th day, 55 eggs by the 10th day.
5. Answers will vary—should be able to state that they'll end on a 0.
6. 74 sides
7. $42 - 15 = 27$, to check if 27 is the right answer, you should be able to add 27 and 5 to get 42.
8. Lose 7 each time, 28 21, 14, 7
9. Answers will vary.
10. It will have 26 triangles in total. There are 10 triangles and I'll be adding 16 more.