

Reilly Math Challenge #12



First Name: _____ Last name: _____

Grade: _____ Homeroom: _____ Teacher: _____

Please complete as many as you can.

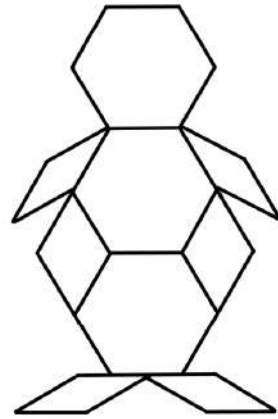
We encourage families and friends to work together and have fun with Math!

Kindergarten & 1st grade: Complete **at least** 2.

2nd & 3rd grade: Complete **at least** 4.

4th & 5th grade: Complete **ALL** items.

1. How many hexagons can you find?



2. There were 15 penguins on the ice. Some were adults and some were babies. If there were 9 adult penguins on the ice, how many were babies?

3. Complete the counting sequence.

986, 987, 988, _____ , _____ , _____ , _____ , _____ , _____ ,

_____ , _____ , _____ , _____ , _____ , _____ , _____ , _____

4.

$$67 + \text{Penguin} = 104$$

$$\text{Penguin} = ?$$

5. In the following addition problem, same letters represent the same digit and different letters represent different digits.

What digit does the letter A represent?

$$\begin{array}{r} \text{C B A} \\ \text{C C B} \\ + \text{C C C} \\ \hline 2018 \end{array}$$

(Source: [Noetic Learning Math Contest](#))

Hint: Start with the hundreds place.

6. If an adult Emperor Penguin eats 7.5 *pounds* of food each day, how many *ounces* of food will the penguin consume during the month of December?