Learning Opportunity
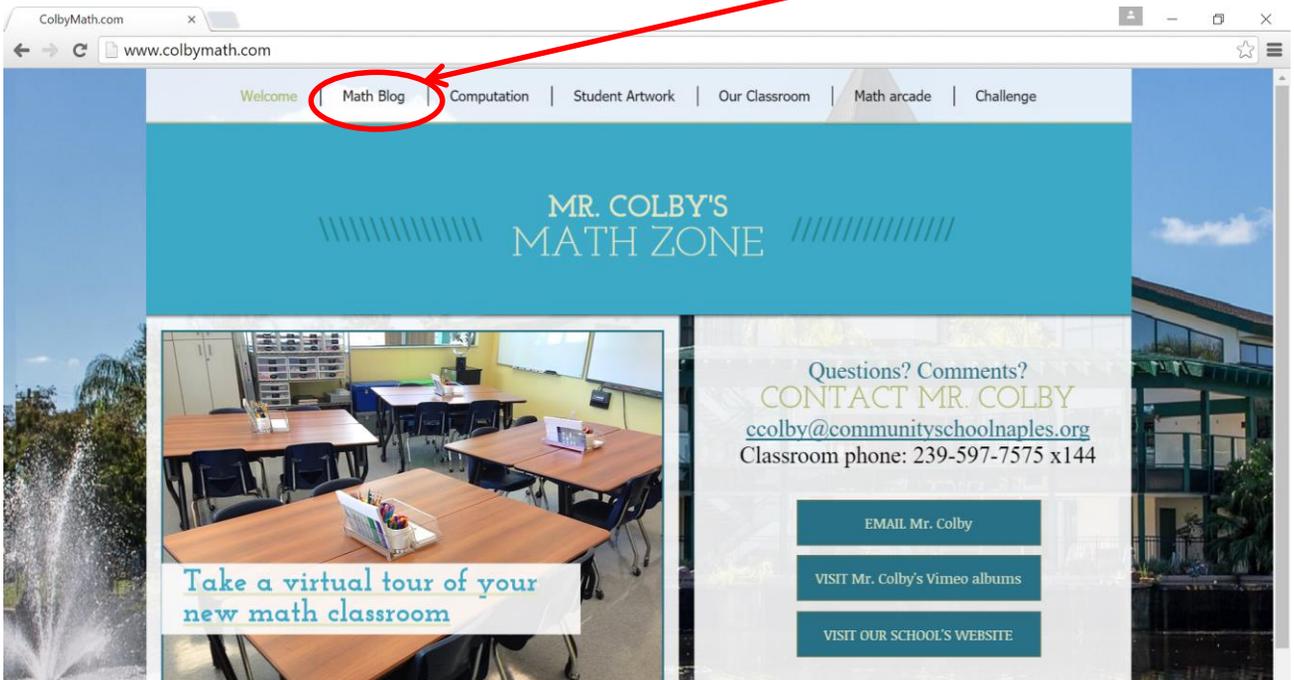
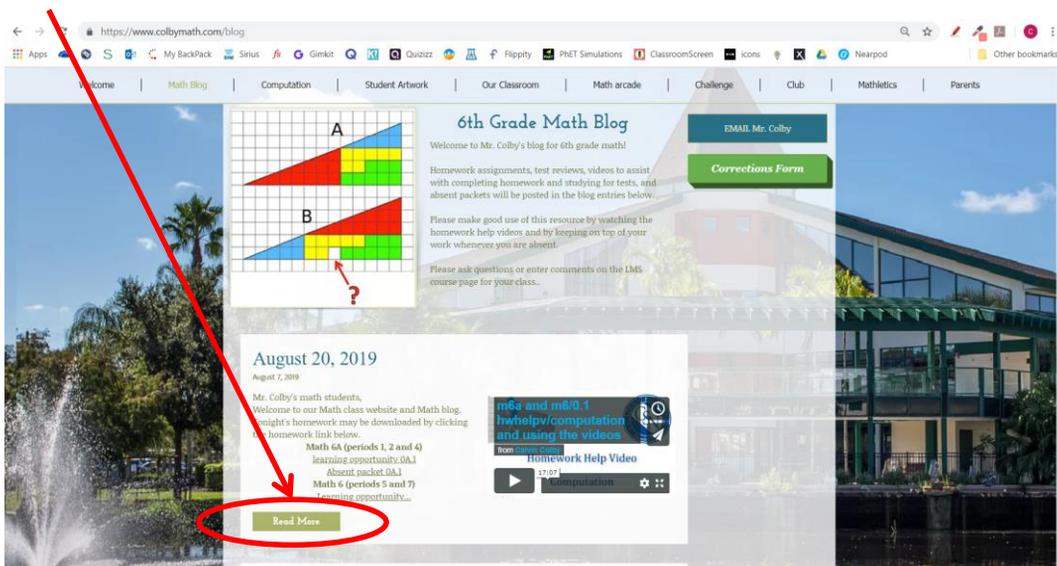Computation and Using the Math Blog

Most nights, Monday through Thursday (and occasionally, but rarely, Friday), you will receive a printed learning opportunity like this one.

You will notice the lesson number at the top of the page. We just completed the first day of a four day unit. The unit teaches our classroom culture. It is unit number 0 for the year. Since this lesson occurred on day 1 of unit 0 the lesson number is 0A.1. The "A" indicates advanced 6th grade math. Tomorrow's lesson will be 0A.2. Unlike most units, unit 0 will **not** conclude with a review and test.

To complete tonight's assignment, please go to ColbyMath.com and click on the Math Blog at the top of the page.

Then, click here to read today's blog entry.

Once you have accessed the blog post, look for your class period number. Periods 1, 2 and 4 will always be listed at the top of the blog entry. Periods 5 and 6 will be listed near the bottom. If you ever forget your assignment at school you may print it from this link. If you are ever absent, please look at this file to get an idea of what we did in class that day.

Click play to watch tonight's learning opportunity help video. You can click here to expand to full screen.

Detach this sheet and keep it as a reference for how to use the Math Blog. The video will give you the rest of the directions for completing tonight's assignment which begins on the next sheet.

Learning Opportunity

Computation

This symbol means "no calculators". It is always OK to use a calculator to check your answers after you have shown all your work by hand.

For problems 1 and 2 divide. Express each quotient to the nearest tenth.

1) $197 \div 4$

2) $\dfrac{569}{67}$

For problems 3 and 4 add. Express the sum in simplest form.

3) $2\dfrac{1}{8} + 9\dfrac{3}{4}$

4) $6\dfrac{2}{3} + 3\dfrac{4}{9}$

For problems 5 and 6 simplify (solve) each expression.

5) $8.3 + 7.95$

6) $7.8 - 4.03$

For problems 7 and 8 simplify (solve) each expression.

7) $30 \div (21 - 6) \times 4$

8) $(2^3 + 1)12 - 13$

For problems 9 and 10 subtract. Express the difference in simplest form.

9) $\dfrac{8}{9} - \dfrac{1}{6}$

10) $10\dfrac{1}{2} - 2\dfrac{3}{5}$

For problems 11 and 12 simplify (solve) each expression.

11) $8 - 13$

12) $-7(4)$

Classroom Culture Questions   Name:_____

The following questions are meant to help develop your understanding of our classroom culture. Please answer using complete sentences.

1) You consider the learning opportunity assignment easy to complete, and you finished it before the school day ended. Do you still need to watch the help video on the Math blog?

2) If, by watching the help video, you find that you made a mistake on a problem, should you correct your mistake using the video?

3) In the event that you are still confused after using the help video, how can you get help?

4) If you forgot your assignment at school what can you do?

5) Mr. Colby handed you a ticket in class. What should you do? What should you not do?