Hi There 8th Grade Math Scholars,

The lesson provided is enough for 1-2 hours of work for the week. If you need to contact your teacher, you can email her directly through the address below. You can also connect with your individual teacher through your respective Microsoft Teams page in Office 365.

Ms. Sherman: ksherma@tacoma.k12.wa.us   Ms. Galston: sgalsto@tacoma.k12.wa.us

We hope during this time that you are staying safe, participating in things that you love to do, and enjoying your family.

Instructions:

Daily: Login in to Success Maker for 15 Minutes

- Link: bit.do/successmaker
- Login: Student ID Number
- Password: Student ID Number

This Week’s Lesson

Learning Target: I can solve multiplication and division equations

- The attached page is your work for the week.
Name ________________________________________________

**Solving Multiplication and Division Equations**

**Materials** counters, 6 per student or pair; pieces of paper cut in half, 5 half-sheets per student or pair

1. Show \(2x = 6\) with counters and paper as shown below. Use a blank sheet of paper for each \(x\).

   \[ \square \quad = \quad \square \]

2. Equals divided by equals are equals. Divide each side of the equals sign into 2 equal parts.

   \[ \square \quad = \quad \square \]

3. Remove all but one blank of paper and one group of counters from each side. What is left? \(x = \) _____

4. Fill in the blanks to show what you did.

   \(2x = 6\)
   \[ \frac{2x}{2} = \frac{6}{2} \]
   Divide both sides by 2.
   \(x = \) _____

5. Does the value of \(x\) you found in 4 above make the equation \(2x = 6\) true? _____

6. Fill in the blanks to solve \(\frac{n}{7} = 3\).

   \(\frac{n}{7} = 3\)
   \(7 \times \frac{n}{7} = \) _____ \(\times 3\)
   Multiply both sides by 7.
   \(n = \) _____