Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ February 27, 2020

1. Write about something that surprised you or piqued your curiosity during math today. Explain why it interested you. Then, tell how you’re doing with algebra so far. Is it what you thought it would be?

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1. The ratio of paperbacks to hardcovers in the library is 9 to 4. If there are 650 books total, how many are hardcovers?
2. Write two ordered pairs that are 16 units away from each other.
3. Write an expression for the following situation. Then evaluate the expression for each value in the table below.

**The Boy Scout troop made a batch of cookies. The boys are going to split all of the cookies, c, evenly among the 8 of them.**

Expression: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Cookies | Cookies per Scout |
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1. If 20% of x is 30, what is x?