Below are some of the responses from students when asked to write equations that are equivalent to  , when no variable is 0.

1. Determine if the equation is equivalent to  when no variable is 0.
2. If it is correct, what justification would you hope to hear from students?
3. For each correct equivalent equation, other students argued that it was not correct. What might they be thinking?
4. If it is not correct, what misconception(s) might the student have?

1. 

2. 

3. 

4. 

5. 

6. 

7.  