Math 3/3H Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Per:\_\_\_

3.1 Multiply/Divide Rationals

Perform the indicated operation, if possible simplify. Determine if your answer is a rational expression.

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| 1.
 | 1.
 | 1.
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| 1.
 | 1.
 | 1.
 |
|   |  |   |
| 7.   | 8.   | 9.   |
| 10.   | 11.   | 12.  |
| 13.  | 14.  | 16.  |
| 17.  |  18.  |  19.  |
|  |  |
| Factor over the complex zeros. (Answer needs to be elephant butts)20.$ 2n^{2}+5$ 21. $3x^{3}-9x^{2}$Determine whether the binomial is a factor.22. $f\left(x\right)=x^{3}+1 (n+1)$23. True or False: A cluster sampling samples an entire group. 24. True or False: Biased is when an outcome is favored.25. True or False: A statistic describes the parameter.26. In a normal distribution curve how much data lands within 1 standard deviation of the mean?27. In a normal distribution curve how much data lands above +2 standard deviations from the mean? |  |
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