**Graphing Rational Functions (Module 8)**

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| **Students will be able to graph rational functions.** | section |
| **Level 4**Students can demonstrate knowledge of all Level 3 objectives and can apply all of them to real life situations | 8.1/8.2 |
| **Level 3**Students can graph more complicated rational functions including those where * The degree of p(x) > the degree of q(x)
* The degree of p(x) = the degree of q(x)
* The degree of p(x) < the degree of q(x)
 | 8.2 |
| **Level 2**Students will be able to* Graph and write rational functions of the form $f\left(x\right)=a\left(\frac{1}{x-h}\right)+k$ and $f\left(x\right)=\frac{1}{1/b(x-h)}+k$, stating the domain, range and transformation
* Write a rational function of the form $f\left(x\right)=a\left(\frac{1}{x-h}\right)+k$ and $f\left(x\right)=\frac{1}{1/b(x-h)}+k$ given a graph.
 | 8.1 |
| **Level 1**Student has demonstrated sufficient understanding of the standard through homework completion. |  |