Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_HWK Finding Asymptotes, Holes, and Intercepts 9-12-17 Hour 1 2 3 4 5 6 7

1. Complete the related table for 

|  |  |  |
| --- | --- | --- |
| Completely Factored Form (Simplify if possible) | X intercept(s)(if possible) | Y intercept(if possible) |
| Vertical Asymptote(if Possible) | Horizontal asymptote(if Possible) | Slant Asymptote(If Possible) | Hole (If Possible) |

1. Complete the related table for 

|  |  |  |
| --- | --- | --- |
| Completely Factored Form (Simplify if possible) | X intercept(s)(if possible) | Y intercept(if possible) |
| Vertical Asymptote(if Possible) | Horizontal asymptote(if Possible) | Slant Asymptote(If Possible) | Hole (If Possible) |

1. Complete the related table for 

|  |  |  |
| --- | --- | --- |
| Completely Factored Form (Simplify if possible) | X intercept(s)(if possible) | Y intercept(if possible) |
| Vertical Asymptote(if Possible) | Horizontal asymptote(if Possible) | Slant Asymptote(If Possible) | Hole (If Possible) |

1. 

Determine the slant asymptote of the given rational function

1. 

Determine the slant asymptote of the given rational function