|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***Function*** | ***Degree of***  ***Numerator*** | ***Degree of***  ***Denominator*** | ***Horizontal***  ***Asymptote(s)*** | ***Vertical***  ***Asymptote(s)*** | ***Domain*** | ***Range*** |
| **1.** |  |  |  |  |  |  |
| **2.** |  |  |  |  |  |  |
| **3.** |  |  |  |  |  |  |
| **5.** |  |  |  |  |  |  |

**Complete the table.**

**Simplify.**

**6.  7.  8. **

**Multiply/Divide**

**9. 11.  12.**

**13.  15. **

**Add/Subtract.**

**17.  19.  20. **

**21.  22. **

**Solve each equation and check your answers**

**25.  26. **

**27.  28. **

**ANSWERS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 0 | 2 |  |  |  |  |
| 1 | 1 |  |  |  |  |
| 2 | 1 | None |  |  |  |
| 2 | 2 |  |  |  |  |

1. ****
2. ****
3. ****
4. ****
5. ****
6. ****
7. ****
8. ****
9. ****
10. ****
11. ****
12. ****
13. ****
14. ****
15. ****
16. 41
17. 
18. 6
19. 