**Name: _____**

| Key Feature | What it tells you about the graph of *f(x)* |
|---|---|
| Domain | where the graph crosses the *x*- or *y*-axis |
| Range | where the graph is above or below the *x*-axis |
| Intercepts | the values of *x* for which *f*(*x*) is defined |
| Symmetry | high or low points where the graph changes from increasing to decreasing or vice versa |
| End Behavior | where one side of the graph is a reflection or rotation of the other side |
| Extrema | where the graph is going up or down as *x* increases |
| Increasing/ Decreasing | what the graph is doing at the right and left sides as *x* approaches infinity or negative infinity |
| Positive/Negative | the values that *f*(*x*) take as *x* varies |

LIVEWORKSHEETS