YAPS1: Limits

1) Draw graphs of functions with a removable discontinuity, a jump discontinuity, and a vertical asymptote.

2) If you’re computing \( \lim_{x \to c} f(x) \), what would suggest that you have a removable discontinuity? A vertical asymptote?

3) How do you do long division?

4) What does it mean to ‘multiply by the conjugate’ in a problem? Give an example.