## Lista 0

If the doors of perception were cleansed every thing would appear to man as it is, Infinite. For man has closed himself up, till he sees all things thro' narrow chinks of his cavern.

William Blake, The Marriage of Heaven and Hell
There are things known, and things unknown, and in between are the Doors.
Essa lista não cai na prova. Só treino.
Faça os gráficos de

1. $\sin x / 2$;
2. $\sin 2 x$;
3. $2 \sin x$;
4. $\sin 1 / x$;
5. $\frac{\sin x}{x}$;
6. $\sin ^{2} x$;
7. $\sin x^{2}$;
8. $x \sin x$;
9. $2 x+1$;
10. $-2 x+1$;
11. $2 x-1$;
12. $-2 x-1$;
13. $\frac{1}{x}$;
14. $\frac{1}{x+1}$;
15. $|x|+1$;
16. $|x+1|$;
17. $|x|-1$;
18. $|x-1|$
