

Precalculus Section 2.2 Exercises

1. Graph the following functions. Label any x - and y -intercepts.

(a) $f(x) = -|x - 3| - 4$

(b) $f(x) = \frac{|3x - 2|}{2 - 3x}$

(c) $f(x) = |x - 3| - |x + 5|$

2. Do exercise 36 (about the triangle inequality) of section 2.2 in Stitz-Zeager.