

Limits at infinity. Asymptotes.

2.3.1

a) 0

b) $-\frac{1}{4}$

c) $\sqrt{2}$

d) 0

2.3.2

(a) 1

(b) -2

2.3.3

Horizontal: at $y = 5$; vertical at: $x = -2$ and $x = 1$.