

Horizontal asymptote

Make denominator = 0

Vertical asymptote

Sub $x = \infty$

1. Find the equation of horizontal and vertical asymptotes of the following function.

(a) $y = \frac{x-3}{x+4}$

(b) $y = \frac{x+2}{x-6}$

Domain

Set of x values in the relation

Range

Set of y values in the relation

1. Find the domain and range of the following functions.

(a) $y = \frac{2x-2}{x+3}$

(b) $y = \frac{3x+5}{2x-6}$
