

Practice 19

Sketching Rational Functions

Graph the rational function.

1) $f(x) = \frac{2x}{x-2}$

1) _____

2) $f(x) = \frac{4x}{x^2-4}$

2) _____

3) $f(x) = \frac{4x^2}{x^2-9}$

3) _____

4) $f(x) = \frac{3}{x^2+12x+36}$

4) _____

5) $f(x) = \frac{4x^2}{x^2+4}$

5) _____

6) $f(x) = \frac{x^4}{x^2+4}$

6) _____

7) $f(x) = \frac{x-2}{x^2-x-42}$

7) _____

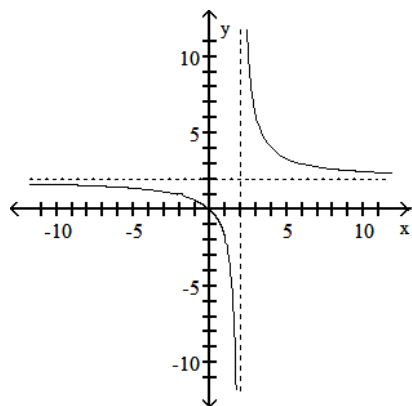
8) $f(x) = \frac{x^2-x-6}{x^2-1}$

8) _____

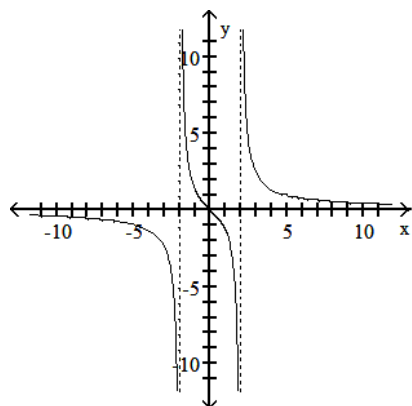
Answer Key

Testname: 19_SKETCHING RATIONAL FUNCTIONS

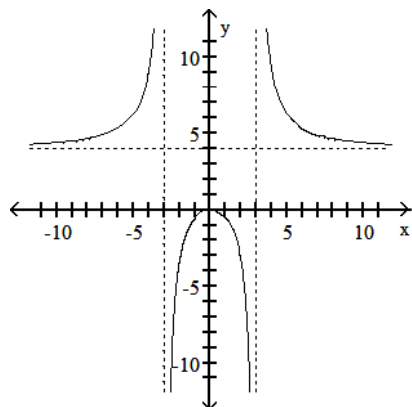
1)



2)



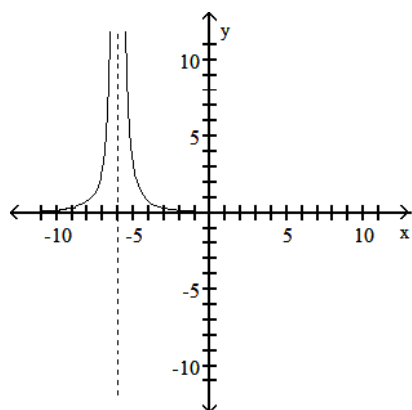
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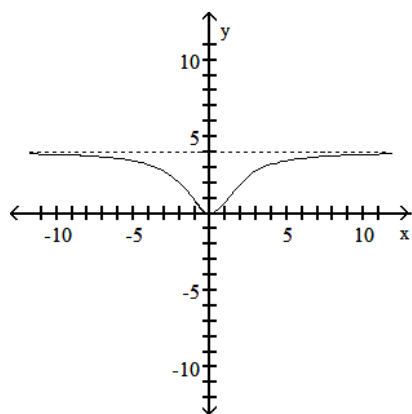
Answer Key

Testname: 19_SKETCHING RATIONAL FUNCTIONS

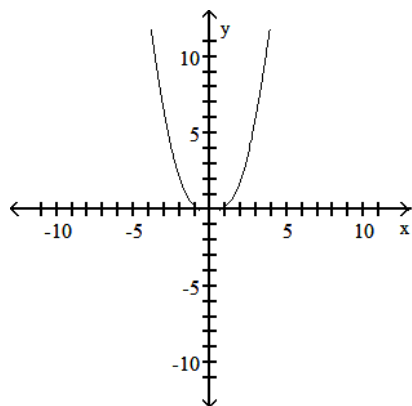
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5)



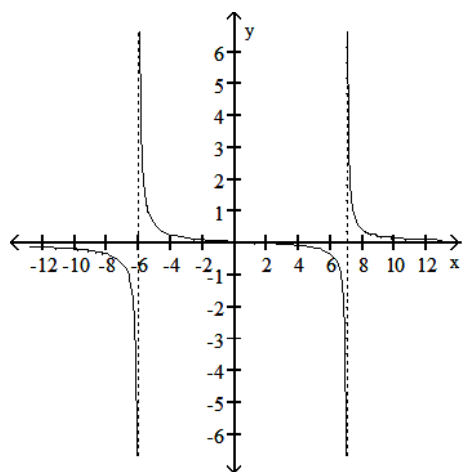
6)



Answer Key

Testname: 19_SKETCHING RATIONAL FUNCTIONS

7)



8)

