

Name: Selected Answers

Date: _____

Homework: Flip Book

Honors PreCalculus

Complete Flip Book and study for Parent Functions Quiz

Find the domain of the following functions. Write the domain interval notation.

1. $f(x) = \frac{5x+7}{x^2+25}$

D: $(-\infty, \infty)$

2. $f(x) = 5x^3 - 9x + 7$

D: $(-\infty, \infty)$

3. $f(x) = \frac{2}{6x^2-7x-3}$

D: $(-\infty, -1/3) \cup (-1/3, 3/2) \cup (3/2, \infty)$

4. $f(x) = \sqrt{3x-2}$

D: $[2/3, \infty)$

5. $f(x) = \sqrt{3x^2+8x+4}$

D: $(-\infty, -3] \cup [-2/3, \infty)$

