

Homework Helper: Classifying Discontinuities

Name _____

Classify and Locate each any discontinuities for each function.

How do you do this you ask? Consider the graph, make a sketch, or use any related asymptotes rules.



1. $y = \frac{12}{5x^2}$

2. $y = \frac{1}{x-3}$

3. $y = \frac{x^2 - 4}{x - 2}$

4. $y = 8 - 2x - x^2$

5. $y = \frac{|x|}{x}$

6. $y = \begin{cases} -2x^2 + 3 & x < 0 \\ x + 3 & x > 0 \end{cases}$

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