

Finding Critical Points Practice Quiz

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For each problem, find the x-coordinates of all critical points.

1) $y = 2x^2 - 12x + 20$

2) $y = \csc(x); [-\pi, \pi]$

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

4) $y = -\frac{1}{6}(x-1)^{\frac{7}{3}} + \frac{14}{3}(x-1)^{\frac{1}{3}} - 1$