

PC 2-5 Practice Problems

Given the description, write the equation of the rational function. (more than one answer possible)

Rational function $R(x)$ with a y-intercept of -5.	Rational function $R(x)$ with x-intercepts of -2 and 5.	Rational function $R(x)$ with vertical asymptotes of $x=-2$ and $x=5$.	Rational function $R(x)$ with an x-intercept of 6 and -4.
Rational function $R(x)$ with x-intercepts of 4, 0, and 13	Rational function $R(x)$ with a hole in the graph at $x=9$	Rational function $R(x)$ with a y-intercept of 2	Rational function $R(x)$ with vertical asymptotes of 7, -3, and 0.

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