

Rational Functions Bell Work

Match the columns using colors.

<u>Column A</u>	<u>Column B</u>
Rational Function	$\frac{x + 5}{x - 5}$
Domain of $\frac{x(x-1)}{x^2-1}$	$\frac{p(x)}{q(x)}$
zeros of $p(x)$ in $f = \frac{p(x)}{q(x)}$	$R - \{f(0)\}$
Range of $\frac{1}{x}$	$R - \{-1\}$
zeros of $q(x)$ in $f = \frac{p(x)}{q(x)}$	x-intercepts
$\frac{x^2 + 9x + 20}{(x + 4)(x - 5)}$	Vertical asymptotes

Rational Functions Bell Work**Answers**

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