

Interval Notation
$$(-\infty_{12})V$$
 (4,9]

U union

(-\intersection \frac{-4}{2} \frac{2}{9}

(-\infty 9]

\[(-4,2)
\]

\[\lambda \frac{4}{4} \frac{1}{2} \frac{1}{9}

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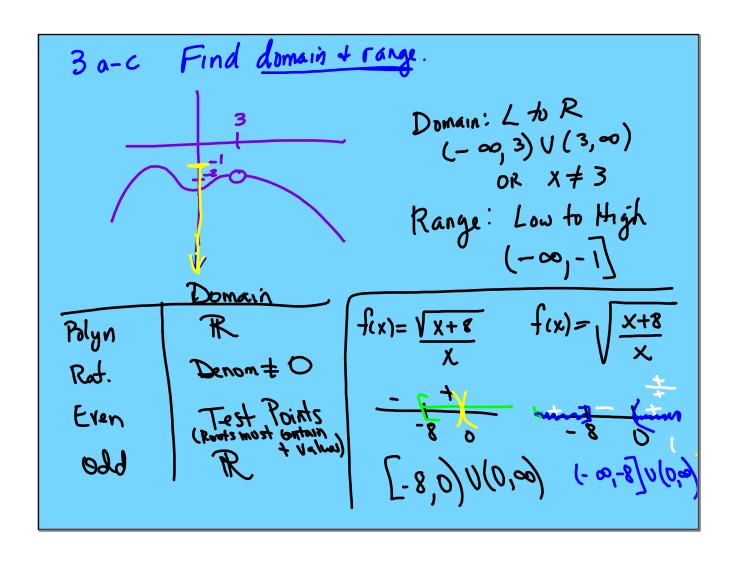
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4)
$$f(x) = \begin{cases} \frac{x}{x+2} & x < -2 \\ -2 \le x < 5 < 0 \end{cases}$$

$$f(0) = 4(0) - 1 = -1$$

$$f(8) = \frac{-8}{-9+2} = \frac{-8}{-6} = \frac{4}{3}$$

$$h(x) = \frac{4\sqrt{x+1}}{5\sqrt{x+1} - 3} \qquad f(x) = \frac{4x}{5x-3}$$

$$f(9) = \frac{4}{3}$$

$$f(x) = \frac{4}{5}$$

$$f(x) = \frac{4x}{5x-3}$$

$$g(x) = \sqrt{x+1}$$

#6 Combine 2 func. Domain's

f

g

Combined

Where do all 3 intersect.

$$2x - y + 4z = 18$$

$$x + 3y - 2z = 11$$

$$5x - 4y + z = 12$$

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$$= \begin{bmatrix} 2 - 1 & 4 \\ 1 & 3 - 2 \\ 5 & 4 & 1 \end{bmatrix}$$

