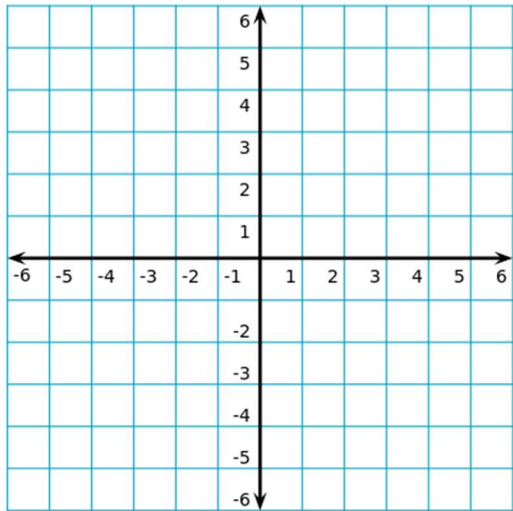


Student Notes: Piecewise Review

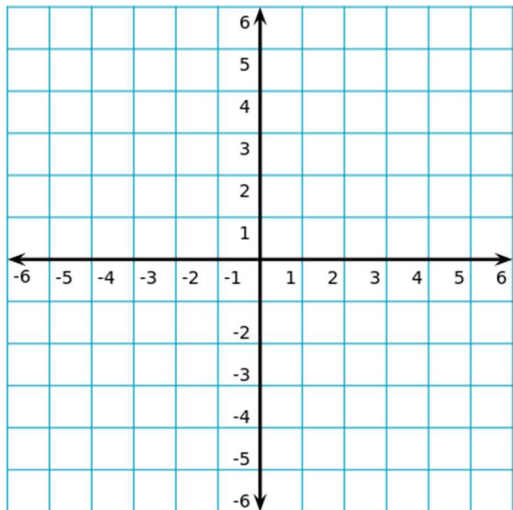
Evaluate.

$t(x) = \begin{cases} 2x-5 & x < 2 \\ \frac{1}{x} & x \geq 2 \end{cases}$			$m(x) = \begin{cases} \sqrt{1-x} & x < -1 \\ \left  \frac{4}{5}x-3 \right  & x > -1 \end{cases}$		
1) $t(1)$	2) $t\left(\frac{5}{2}\right)$	3) $t(0.25)$	4) $m(-1)$	5) $m(1)$	6) $m(-8)$

Graph. State the domain and range in interval notation.

<p>7)</p> $g(x) = \begin{cases} 2x-1 & x < -1 \\ 3 & x \geq -1 \end{cases}$	
<p>Domain _____ Range _____</p>	

Sketch. State the domain and range in set notation.

<p>8)</p> $g(x) = \begin{cases} -x & x \leq -2 \\ 2 & -2 < x < 2 \\ \frac{1}{2}x+1 & x \geq 2 \end{cases}$	
<p>Domain _____ Range _____</p>	