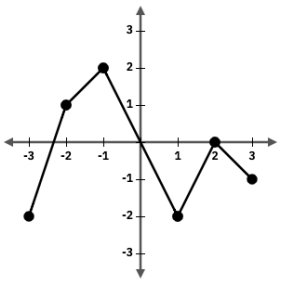
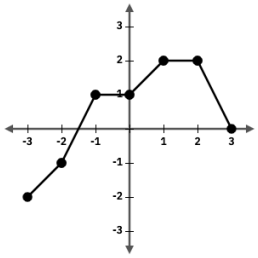
Answer: #_____ $h(x) = \sqrt{x+3}$, $j(x) = x^2$ Find $\left(\frac{h}{j}\right)(x)$ To move on in the circuit, find the domain. _____	Answer: $x > 2$ #_____ $k(x) = \sqrt{1-x^2}$ Find $\left(\frac{k}{j}\right)(x)$ To move on in the circuit, find the domain. _____
Answer: all real numbers #_____ $d(x) = 2x + 1,\ w(x) = \sqrt{x}$ Find $d(w(x))$ To move on in the circuit, find the domain. _____	Answer: $-1 \le x \le 1, x \ne 0$ #_____ $r(x) = 3x - 2,\ t(x) = x - 1$ Find r$\big(t(x)\big)$ To move on in the circuit, find the domain. _____
Answer: $x \ge -\frac{1}{2}$ #_____ $c(x) = \frac{1}{x}$, $n(x) = 2x + 3$ Find $c\big(n(x)\big)$ To move on in the circuit, find the domain. _____	Answer: $x \ge -3, x \ne 0$ #_____ $h(x) = \sqrt{x+3}$, $j(x) = x^2$ Find $\left(\frac{j}{h}\right)(x)$ To move on in the circuit, find the domain. _____
Answer: $x > -3$ #_____ $m(x) = \sqrt{x-2}$, $b(x) = \sqrt{x+4}$ Find $\left(\frac{m}{b}\right)(x)$ To move on in the circuit, find the domain. _____	Answer: $x \ne \frac{3}{2}$ #_____ Find $n(c(x))$ To move on in the circuit, find the domain. _____
Answer: $-1 < x < 1$ #_____ Find $\left(\frac{j}{k}\right)(x)$ To move on in the circuit, find the domain. _____	Answer: $x \ge 2$ #_____ $m(x) = \sqrt{x-2}$, $b(x) = \sqrt{x+4}$ Find $\left(\frac{b}{m}\right)(x)$ To move on in the circuit, find the domain. _____

<table>
<tr>
<td> 
L(x)</td>
<td> 
Y(x)</td>
</tr>
<tr>
<td>Answer: $x \neq 0$

#_____ Find $(L \circ Y)(-2)$</td>
<td>Answer: 1

#_____ Find $(Y \circ Y)(-2.5)$</td>
</tr>
<tr>
<td>Answer: -1

#_____ Find $(L \circ L)(-3)$</td>
<td>Answer: 2

#_____ Find $(L \circ Y)(-1)$</td>
</tr>
<tr>
<td>Answer: -2

#_____ Find $(Y \circ L)(1)$</td>
<td>Answer: $x \geq -1$

#_____ Find w$(d(x))$

To move on in the circuit, find the domain.
_____</td>
</tr>
<tr>
<td>Answer: 0

#_____ Find $(Y)(0.5)$</td>
<td>Answer: $x \geq 0$

#_____ $z(x) = 3x + 4\,,\ u(x) = \sqrt{x+1}$

Find $z(u(x))$

To move on in the circuit, find the domain.
_____</td>
</tr>
</table>