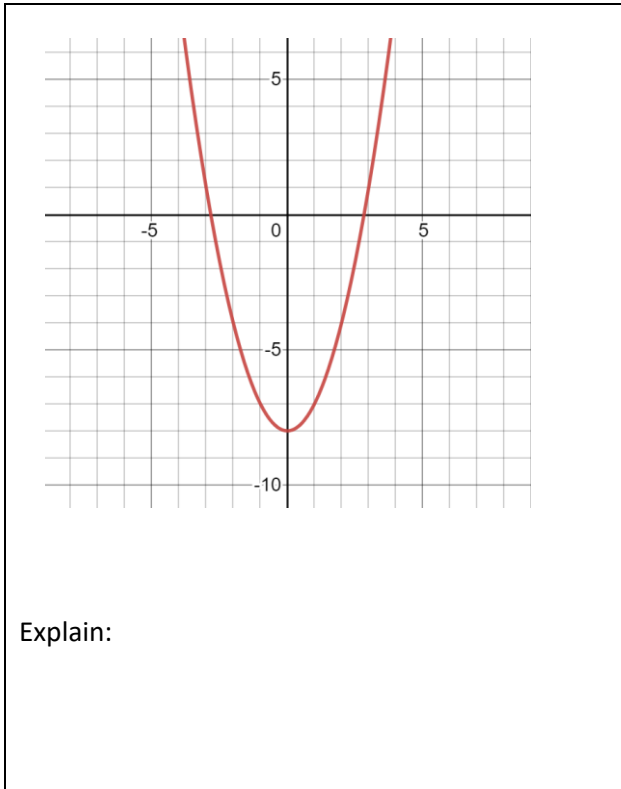


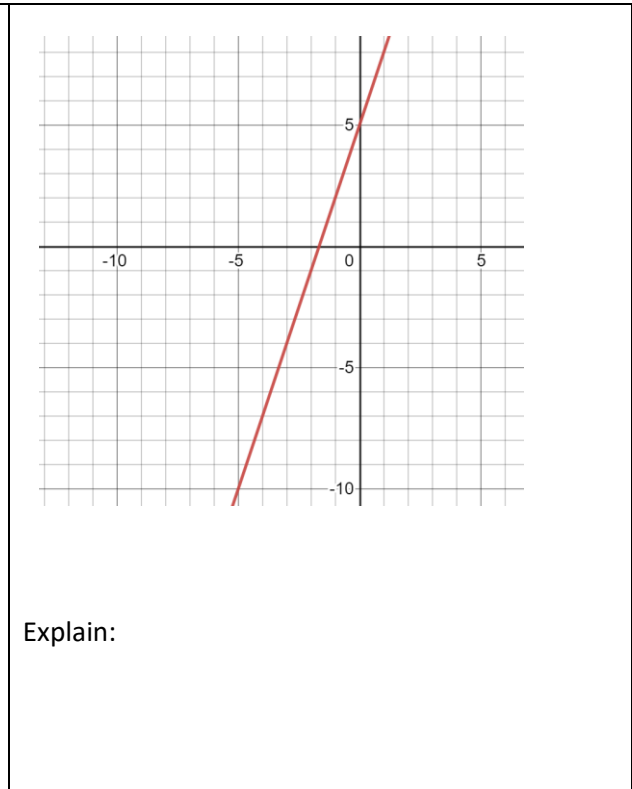
Name:

**Section 2.1 – Domain and Range/Relations and Functions/Function Notation**

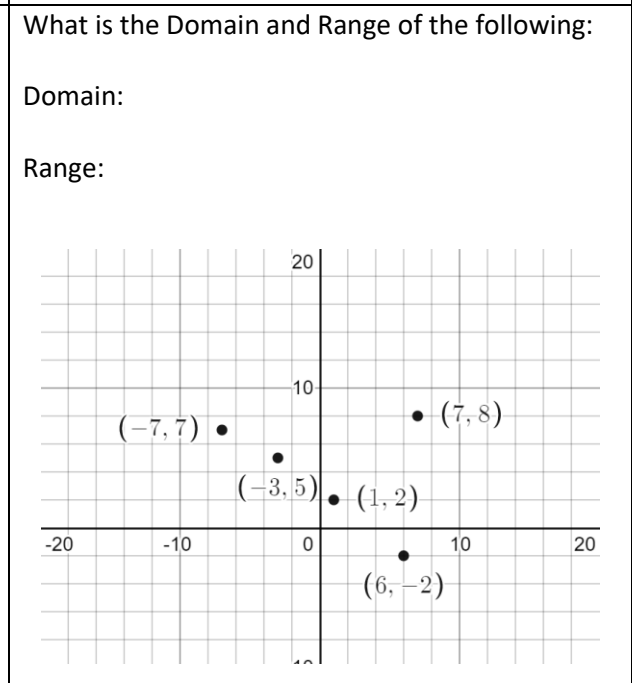
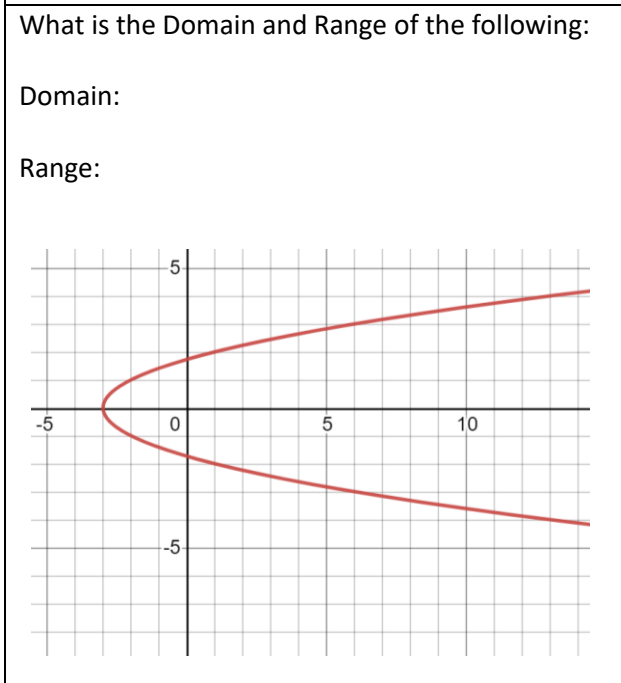
Are the following graphs Relations, Functions, or 1 – 1 Functions? Explain how you know.



Explain:



Explain:



<p>Given the Function:</p> $f(x) = 5x - 2$ <p>Find:</p> $f(2)$ $f(-5)$ $f(x + 7)$	<p>Given the Function:</p> $f(x) = 3x^2 + 5$ <p>Find <math>x</math> when <math>f(x) = 14</math></p>
<p>Given: <math>f(x) = 3x - 2</math></p> <p>Find:</p> $f(x + h) - f(x)$	<p>Given: <math>f(x) = x^2 - 5</math></p> <p>Find:</p> $\frac{f(x + h) - f(x)}{h}$