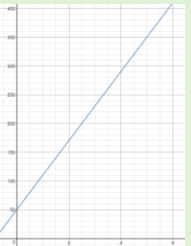

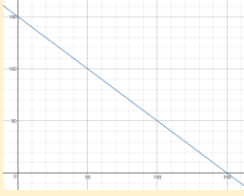
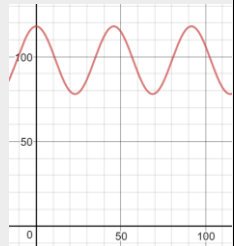
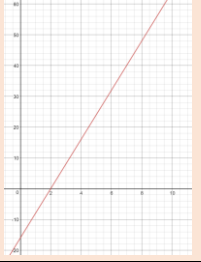
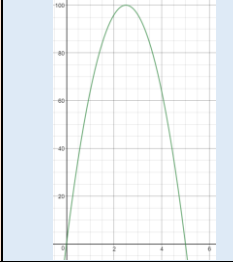
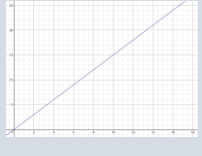
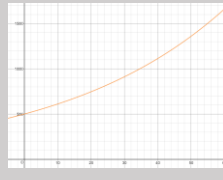


4 Views of a Function Activity

<p>An electrician charges a fixed fee for a house call and then a fixed amount per hour on top of this.</p>	<p>The amount of medication in your system after you take an aspirin.</p>	<p>A small airplane flies on a direct route from town A to town B.</p>	<p>The blood pressure of an average person over a period of time.</p>	<p>You get two tickets free, but then you get charged a fixed rate per ticket.</p>	<p>A punter kicks the ball.</p>	<p>An internet café charges a fixed amount per minute to use the internet.</p>	<p>The amount of money you have in an account after a period of time.</p>																																																																																																
<p><i>Ind Var:</i> Time in hours</p> <p><i>Dep Var:</i> Total cost in dollars</p>	<p><i>Independent Var:</i> Time in hours</p> <p><i>Dependent Var:</i> Medication in milligrams</p>	<p><i>Independent Var:</i> Distance from town A in miles</p> <p><i>Dependent Var:</i> Distance from town B in miles</p>	<p><i>Independent Var:</i> Time in seconds</p> <p><i>Dependent Var:</i> Blood pressure in mmHg</p>	<p><i>Ind Var:</i> Number of tickets</p> <p><i>Dependent Var:</i> Total money spent in dollars</p>	<p><i>Independent Var:</i> Time in seconds</p> <p><i>Dependent Var:</i> Height of the ball in feet</p>	<p><i>Ind Var:</i> Time in minutes</p> <p><i>Dep Var:</i> Cost in dollars</p>	<p><i>Independent Var:</i> Time in years</p> <p><i>Dependent Var:</i> Dollars</p>																																																																																																
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$f(x) = 60x + 50$	$f(x) = 400(.71)^x$	$f(x) = -x + 150$	$f(x) = 22\cos(2.5\pi x) + 98$	$f(x) = 8x - 16$	$f(x) = 80x - 16x^2$	$f(x) = 1.5x$	$f(x) = 500e^{0.02x}$																																																																																																

4 Views of a Function Activity