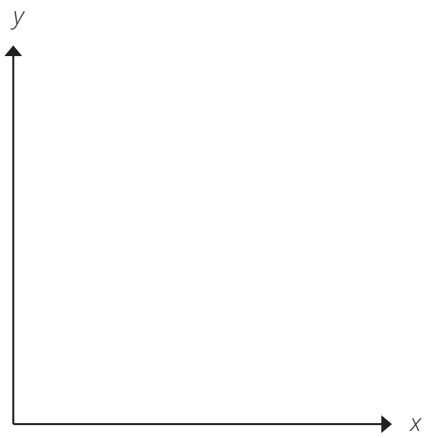
Representing Situations with Graphs

Sketch a graph to represent each of the following situations.

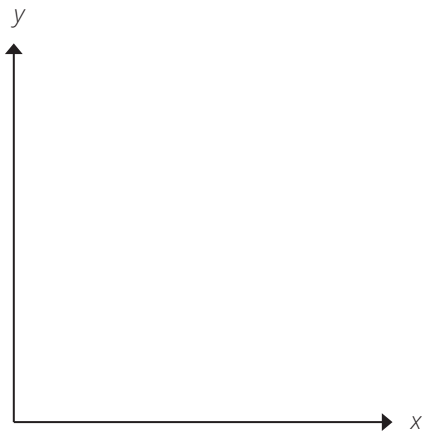
A kayak rental facility charges a fixed amount for renting a kayak, and then an an hourly fee for each additional hour of use.

x = number of hours you use the kayak
y = total amount you owe



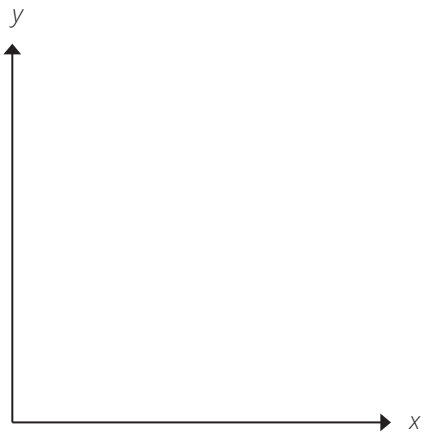
A restaurant offers two orders of chips and salsa for free, but charges a fee for each additional order.

x = number of orders of chips and salsa you eat
y = total amout you owe



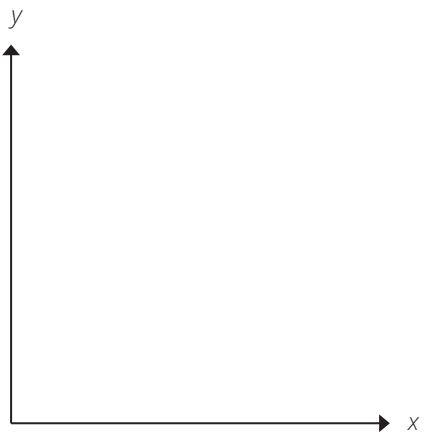
You get a movie gift card for Christmas. Each movie you attend costs the same amount of money.

x = number of movies you attend
y = balance left on gift card



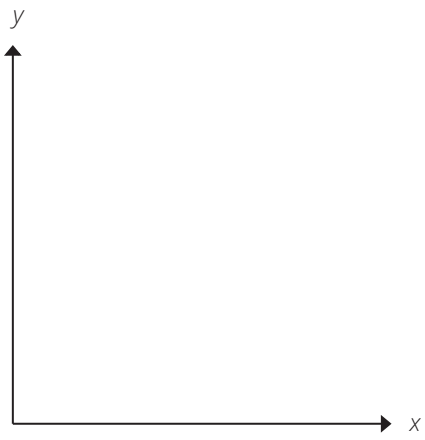
A cyclist travels along a direct route from Town A to Town B.

x = distance of the cyclist from Town A in miles
y = distance of the cyclist from Town B in miles



A cyclist travels along a direct route from Town A to Town B.

x = hours the cyclist has been traveling
y = distance of the cyclist from Town A in miles



A cyclist travels along a direct route from Town A to Town B.

x = hours the cyclist has been traveling
y = distance of the cyclist from Town B in miles