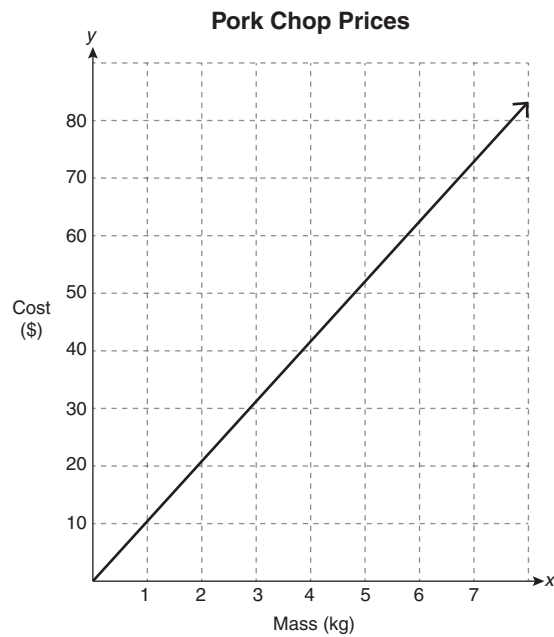




Check Up

1. Identify the independent and dependent variables in the following scenarios. Explain your choices.
 - a. The relationship between the daily temperature in Lethbridge and the intensity of the sun.
 - b. The relationship between the distance travelled by a bicycle in one full tire rotation and the diameter of its tires.
2. a. Circle the independent variable in red and circle the dependent variable in blue.



- b. Explain the relationship between cost and mass as represented in the graph above.



Compare your answers.

1. Identify the independent and dependent variables in the following scenarios. Explain your choices.
 - a. The relationship between the daily temperature in Lethbridge and the intensity of the sun.

Independent variable – the intensity of the sun

Dependent variable – the daily temperature in Lethbridge

The daily temperature in Lethbridge depends on the intensity of the sun.

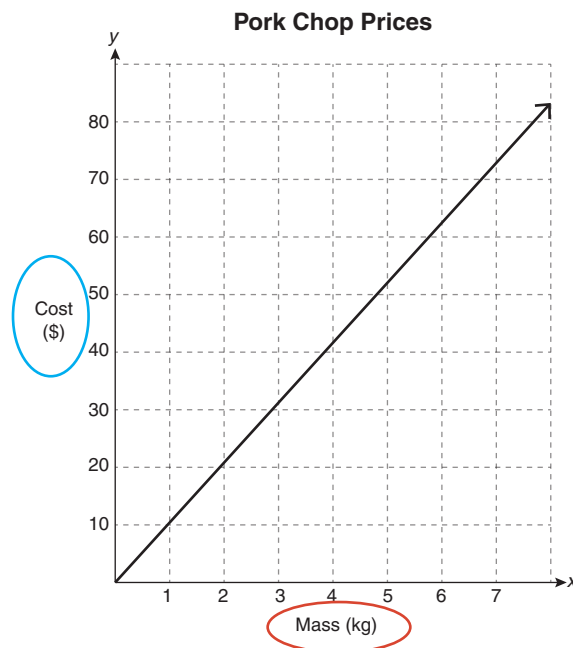
- b. The relationship between the distance travelled by a bicycle in one full tire rotation and the diameter of the tires.

Independent variable – the diameter of a bicycle's tires

Dependent variable – the distance travelled by a bicycle in one full tire rotation

The distance travelled by a bicycle in one full tire rotation depends on the diameter of the tires.

2. a. Circle the independent variable in red and circle the dependent variable in blue.



- b. Explain the relationship between cost and mass as represented in the graph above.

The cost (dependent variable) of the pork depends on the mass (independent variable) of the pork.