

Name: _____

Independent and Dependent Variables

Determine the dependent and independent variables in each scenario.

1. Mr. Holt's driveway paving business charges \$25 per square foot.

Dependent variable: _____

Independent variable: _____

2. Bodhi's science experiment shows that people's reaction speed decreases when they get less sleep.

Dependent variable: _____

Independent variable: _____



5. During regular use, Carl's laptop battery loses 1% of its charge every 3 minutes.

Dependent variable: _____

Independent variable: _____

6. Each candy bar sold makes 50 cents of profit for the fundraiser.

Dependent variable: _____

Independent variable: _____

7. Every day, this beehive's queen lays 1,500 eggs.

Dependent variable: _____

Independent variable: _____

8. Dr. Sanchez read an article about the link between age and vision loss.

Dependent variable: _____

Independent variable: _____

ANSWER KEY

Independent and Dependent Variables

Determine the dependent and independent variables in each scenario.

1. Mr. Holt's driveway paving business charges \$25 per square foot.

Dependent variable: total price

Independent variable: size of the driveway

2. Bodhi's science experiment shows that people's reaction speed decreases when they get less sleep.

Preview

Please log in to download
the printable version of this worksheet.



3. Dr. Sanchez read an article about the link between age and vision loss.

Dependent variable: vision loss

Independent variable: age