Name:

Independent and Dependent Variables

Determine the dependent and independent variables in each scenario.

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

, ,	O	_	-	•	•
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:



Preview

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

5.	During regular use, Cari's laptop pattery 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

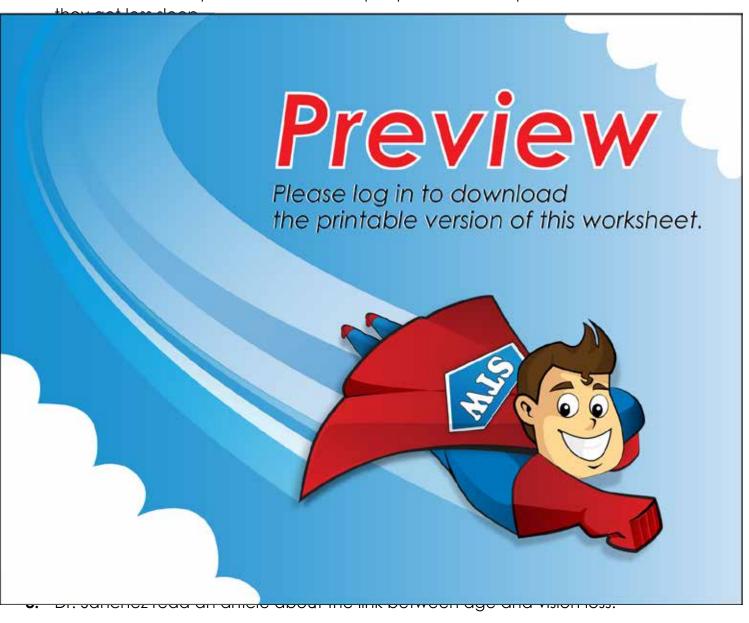
Determine the dependent and independent variables in each scenario.

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

total price Dependent variable:

Independent variable: <u>size</u> of the driveway

2. Bodhi's science experiment shows that people's reaction speed decreases when



vision loss Dependent variable:

Independent variable: age