Math Practice - Grade 6

M10 Dependent and independent variables

M10 6.EE.C.9

Name: _____ Date: _____

Name the independent and the dependent quantity. Write the equation. Fill in the missing value in the table. Plot the values on the graph.

1 Each ticket costs 8. Which quantity is independent, and which is dependent?

Each ticket costs 8.

Independent:

Dependent:

---

2 Leo earns 15 every hour he works. Write the equation that links the two quantities.

Leo earns 15 every hour he works.

---

3 A train travels at a steady speed of 40 miles per hour. Fill in the missing value in the table.

time in hours	distance in miles
1	40
2	80
3	
4	160

Math Practice - Grade 6

M10 Dependent and independent variables

M10 6.EE.C.9

Name: _____ Date: _____

Name the independent and the dependent quantity. Write the equation. Fill in the missing value in the table. Plot the values on the graph.

1 Each box holds 12 pencils. Which quantity is independent, and which is dependent?

Each box holds 12 pencils.

Independent:

Dependent:

---

2 Each box holds 12 pencils. Write the equation that links the two quantities.

Each box holds 12 pencils.

---

3 Each bag holds 6 apples. Fill in the missing value in the table.

number of bags	total number of apples
1	6
2	12
3	
4	24

Math Practice - Grade 6

M10 Dependent and independent variables

M10 6.EE.C.9

Name: _____ Date: _____

Name the independent and the dependent quantity. Write the equation. Fill in the missing value in the table. Plot the values on the graph.

1 Each ticket costs 8. Which quantity is independent, and which is dependent?

Each ticket costs 8.

Independent:

Dependent:

---

2 A train travels at a steady speed of 40 miles per hour. Write the equation that links the two quantities.

A train travels at a steady speed of 40 miles per hour.

---

3 Maya reads 3 pages every minute. Fill in the missing value in the table.

time in minutes	pages read
1	3
2	6
3	9
4	