Dependent & Independent Variables · 1

The total price of pizzas depends on how many are ordered. Let z be the number of pizzas and y be the total price. Which variable is the dependent variable? Write z or y.

Dependent & Independent Variables · 2

Tickets cost 3 dollars each. Write an equation for the total cost c of n tickets.

Dependent & Independent Variables · 3

A pool fills with water over time. Let t be the minutes and v be the gallons in the pool. Which variable is the independent variable? Write t or v.

Dependent & Independent Variables · 4

The cost of apples depends on how many pounds you buy. Let p be the pounds and c be the cost. Which variable is the independent variable? Write p or c.

Dependent & Independent Variables · 5

A baker puts 4 muffins in each box. Write an equation for the number of muffins m in b boxes.

Dependent & Independent Variables · 6

A pool fills with water over time. Let t be the minutes and v be the gallons in the pool. Which variable is the dependent variable? Write t or v.

Dependent & Independent Variables · 7

A baker puts 6 muffins in each box. Write an equation for the number of muffins m in b boxes.

Dependent & Independent Variables · 8

A car uses gas as it drives. Let d be the distance driven and g be the gallons of gas used. Which variable is the dependent variable? Write d or g.

Dependent & Independent Variables · 2

ANSWER

$c = 3n$

Dependent & Independent Variables · 1

ANSWER

y

Dependent & Independent Variables · 4

ANSWER

p

Dependent & Independent Variables · 3

ANSWER

t

Dependent & Independent Variables · 6

ANSWER

v

Dependent & Independent Variables · 5

ANSWER

$m = 4b$

Dependent & Independent Variables · 8

ANSWER

g

Dependent & Independent Variables · 7

ANSWER

$m = 6b$

Dependent & Independent Variables · 9

A tank already has 6 gallons of water, and g more gallons are added. Write an equation for the total gallons t.

Dependent & Independent Variables · 10

A tank already has 5 gallons of water, and g more gallons are added. Write an equation for the total gallons t.

Dependent & Independent Variables · 11

A car uses gas as it drives. Let d be the distance driven and g be the gallons of gas used. Which variable is the independent variable? Write d or g.

Dependent & Independent Variables · 12

A baker puts 3 muffins in each box. Write an equation for the number of muffins m in b boxes.

Dependent & Independent Variables · 13

Tom earns money for each hour he works. Let h be the hours worked and m be the money earned. Which variable is the independent variable? Write h or m.

Dependent & Independent Variables · 14

A baker puts 5 muffins in each box. Write an equation for the number of muffins m in b boxes.

Dependent & Independent Variables · 15

A tank already has 7 gallons of water, and g more gallons are added. Write an equation for the total gallons t.

Dependent & Independent Variables · 16

A plant grows taller each week. Let w be the number of weeks and t be the plant's height. Which variable is the dependent variable? Write w or t.

Dependent & Independent Variables · 10

ANSWER

$t = g + 5$

Dependent & Independent Variables · 9

ANSWER

$t = g + 6$

Dependent & Independent Variables · 12

ANSWER

$m = 3b$

Dependent & Independent Variables · 11

ANSWER

d

Dependent & Independent Variables · 14

ANSWER

$m = 5b$

Dependent & Independent Variables · 13

ANSWER

h

Dependent & Independent Variables · 16

ANSWER

t

Dependent & Independent Variables · 15

ANSWER

$t = g + 7$

Tickets cost 9 dollars each. Write an equation for the total cost c of n tickets.

The number of pages Ava reads depends on the minutes she reads. Let r be the minutes and n be the pages. Which variable is the dependent variable? Write r or n.

Tom earns money for each hour he works. Let h be the hours worked and m be the money earned. Which variable is the dependent variable? Write h or m.

The total price of pizzas depends on how many are ordered. Let z be the number of pizzas and y be the total price. Which variable is the independent variable? Write z or y.

The cost of apples depends on how many pounds you buy. Let p be the pounds and c be the cost. Which variable is the dependent variable? Write p or c.

Ava reads 7 pages each day. Write an equation for the pages p she reads in d days.

The number of pages Ava reads depends on the minutes she reads. Let r be the minutes and n be the pages. Which variable is the independent variable? Write r or n.

Ava reads 4 pages each day. Write an equation for the pages p she reads in d days.

Dependent & Independent Variables · 18

ANSWER

n

Dependent & Independent Variables · 17

ANSWER

c = 9n

Dependent & Independent Variables · 20

ANSWER

z

Dependent & Independent Variables · 19

ANSWER

m

Dependent & Independent Variables · 22

ANSWER

p = 7d

Dependent & Independent Variables · 21

ANSWER

c

Dependent & Independent Variables · 24

ANSWER

p = 4d

Dependent & Independent Variables · 23

ANSWER

r