

A

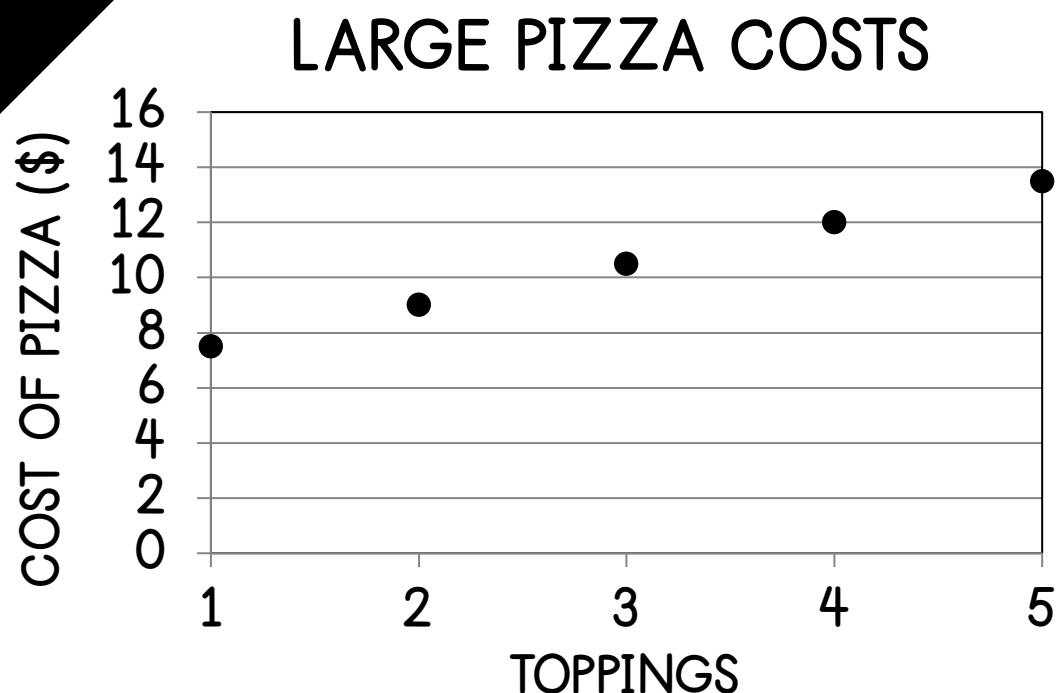
NAME	HEIGHT	SHOE SIZE
Joan	5'2"	6
Kim	5'5"	7
Katie	5'8"	8
Jerod	6'1"	12
Hayden	6'0"	11
Hillary	5'1"	5

What is the dependent variable in the table above?

- | | |
|--------------------------------|---------|
| A. the students' height | go to H |
| B. the students' shoe size | go to D |
| C. the students' name | go to E |
| D. the total cost of the shoes | go to B |



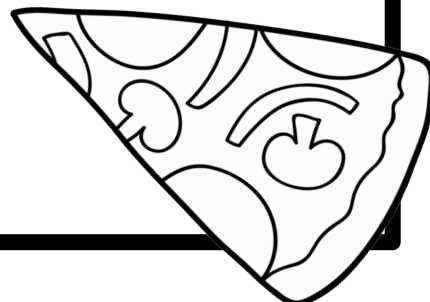
B



What is the independent variable in the graph above?

- A. the cost of a topping
- B. the total cost of the pizza
- C. the number of toppings
- D. the number of pizzas

go to C
go to I
go to F
go to D





Mia practices her flute for 30 minutes each evening. This can be represented by the equation $t = 30d$.

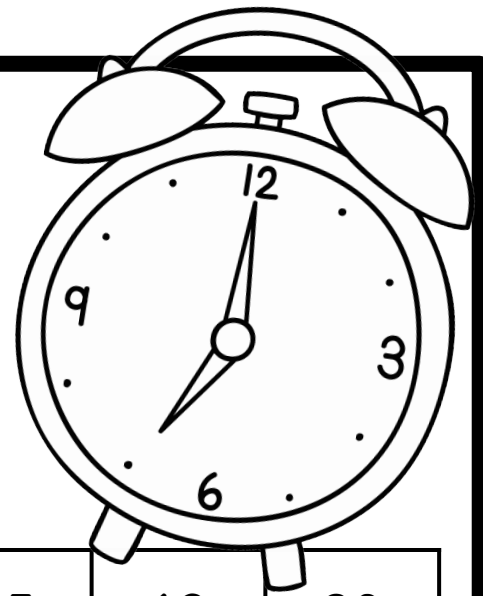
What is the independent variable in the equation above?

- A. 30 minutes
- B. the number of days
- C. total minutes practiced
- D. total number of days

go to A
go to G
go to J
go to E



D

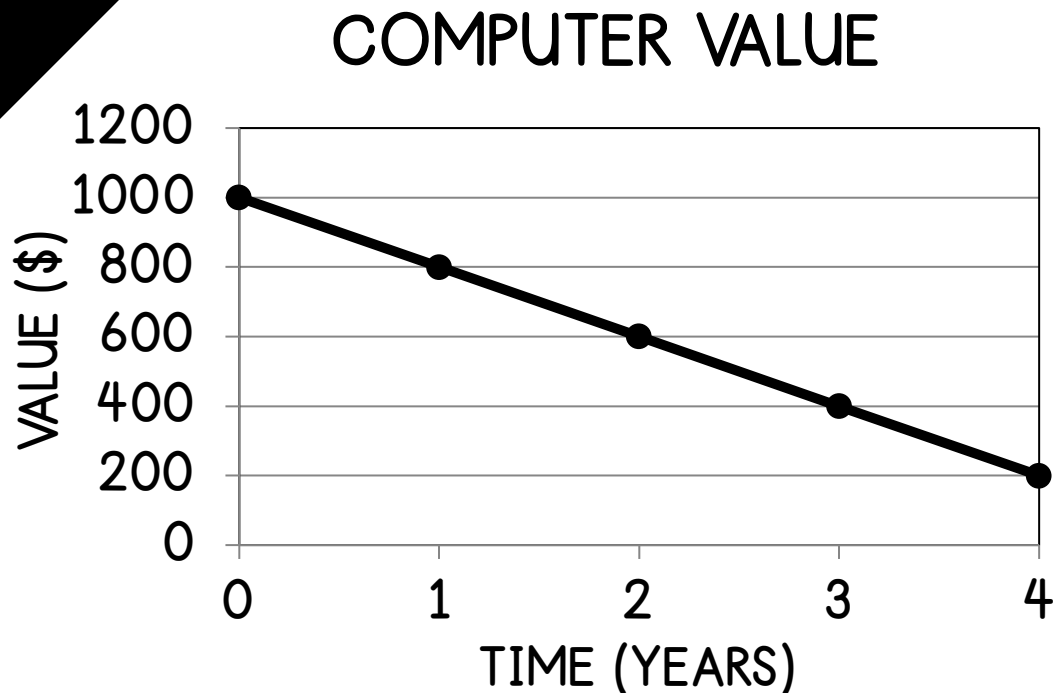


HOURS	3	7	11	15	19	23
EARNINGS	\$27	\$63	\$99	\$135	\$171	\$207

What is the dependent variable in the table above?

- | | |
|--------------------------|---------|
| A. total amount earned | go to J |
| B. total number of hours | go to C |
| C. \$9 per hour | go to F |
| D. the number of hours | go to H |

F



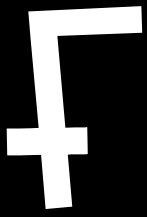
Which statement is correct?

A. the longer a computer is owned, the more valuable it becomes (go to C)

B. the more valuable a computer is, the longer you should own it (go to G)

C. the less valuable a computer is, the shorter you should own it (go to F)

D. a computer becomes less valuable as time passes (go to B)

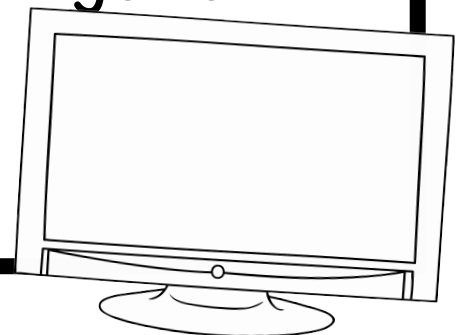


Jasmine subscribes to a video streaming website. Each month, she pays \$10 for unlimited streaming. This can be represented by the equation $c=10m$.

What is the dependent variable in the equation above?

- A. the minutes streamed
- B. \$10 each month
- C. the number of months
- D. the total cost

go to E
go to D
go to J
go to I





NUMBER OF HOURS	GALLONS OF WATER
0	10,000
0.5	9,350
1.0	8,700
1.5	8,050
2.0	7,400
2.5	6,750

Which statement is correct?

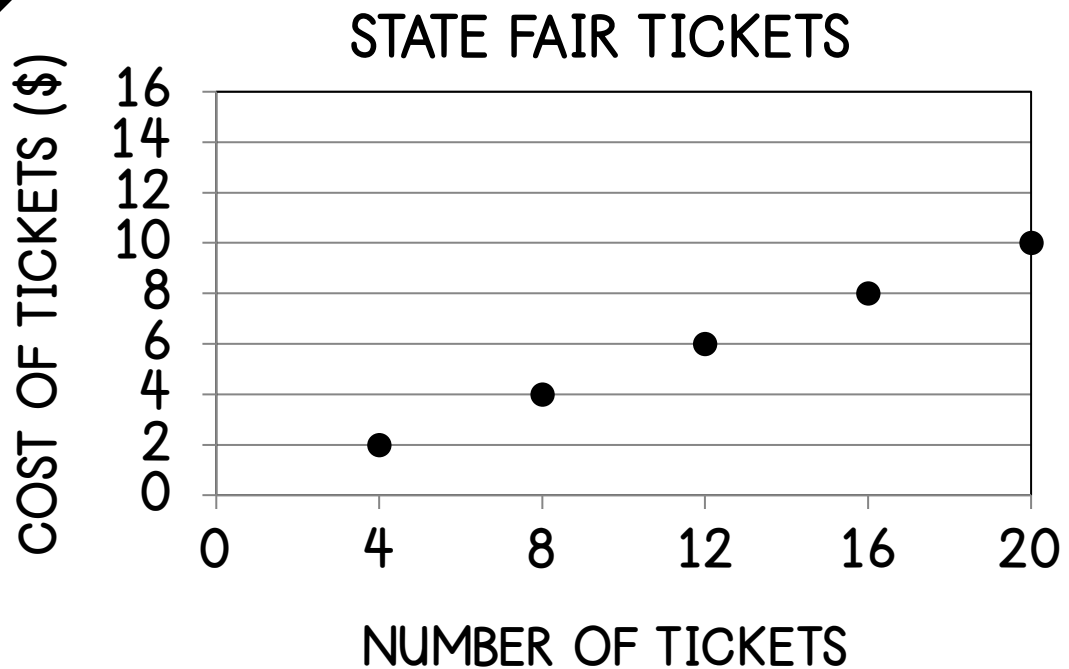
A. the water drains faster the longer the pump works (go to B)

B. as the number of hours increases, the gallons of water increase (go to H)

C. the gallons of water are dependent on the number of hours it pumps (go to A)

D. the number of hours it pumps is dependent on the gallons of water (go to E)

H



What is the dependent variable in the graph above?

- | | |
|----------------------------------|---------|
| A. the total cost of the tickets | go to E |
| B. the cost of a ticket | go to J |
| C. the number of tickets | go to C |
| D. the total number of tickets | go to B |



Carter drives his moped at 25 miles per hour. This can be represented by the equation $m=25h$.

Which statement is correct?

- A. the number of hours driven is dependent on the miles traveled (go to E)
- B. as the number of hours increases, the total miles decreases (go to J)
- C. as the number of miles increases, the number of hours decreases (go to H)
- D. the miles traveled are dependent on the number of hours (go to C)

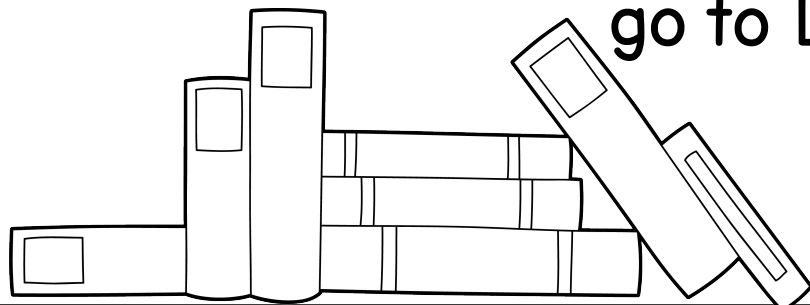
J

As the number of weeks increases, the number of books read increases by a factor of 9.

Which equation represents the situation above?

- A. $b = 9w$
- B. $w = 9b$
- C. $b = 9 + w$
- D. $w = 9 + b$

go to H
go to I
go to B
go to D



INDEPENDENT AND DEPENDENT VARIABLES

Show all your work in the appropriate box below.

<p>Independent: A</p> <p>Dependent:</p> <p>Answer: _____ Next Card: _____</p>	<p>Independent: B</p> <p>Dependent:</p> <p>Answer: _____ Next Card: _____</p>
<p>Independent: C</p> <p>Dependent:</p> <p>Answer: _____ Next Card: _____</p>	<p>Independent: D</p> <p>Dependent:</p> <p>Answer: _____ Next Card: _____</p>

INDEPENDENT AND DEPENDENT VARIABLES

Show all your work in the appropriate box below.

<p>Independent: A</p> <p>Dependent:</p> <p>Answer: _____ Next Card: _____</p>	<p>Independent: B</p> <p>Dependent:</p> <p>Answer: _____ Next Card: _____</p>
<p>Independent: C</p> <p>Dependent:</p> <p>Answer: _____ Next Card: _____</p>	<p>Independent: D</p> <p>Dependent:</p> <p>Answer: _____ Next Card: _____</p>

Independent: E Dependent: Answer: _____ Next Card: _____	Independent: F Dependent: Answer: _____ Next Card: _____
Independent: G Dependent: Answer: _____ Next Card: _____	Independent: H Dependent: Answer: _____ Next Card: _____
Independent: I Dependent: Answer: _____ Next Card: _____	Independent: J Dependent: Answer: _____ Next Card: _____

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Independent: E Dependent: Answer: _____ Next Card: _____	Independent: F Dependent: Answer: _____ Next Card: _____
Independent: G Dependent: Answer: _____ Next Card: _____	Independent: H Dependent: Answer: _____ Next Card: _____
Independent: I Dependent: Answer: _____ Next Card: _____	Independent: J Dependent: Answer: _____ Next Card: _____

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INDEPENDENT AND DEPENDENT VARIABLES

Show all your work in the appropriate box below.

<p>Independent: Height</p> <p>Dependent: Shoe size</p> <p>Answer: <u>B</u> Next Card: <u>D</u></p>	<p>Independent: # of toppings</p> <p>Dependent: Total cost of pizza</p> <p>Answer: <u>C</u> Next Card: <u>F</u></p>
<p>Independent: # of days</p> <p>Dependent: Total time practicing</p> <p>Answer: <u>B</u> Next Card: <u>G</u></p>	<p>Independent: # of hours</p> <p>Dependent: Total earnings</p> <p>Answer: <u>A</u> Next Card: <u>J</u></p>

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<p>Independent: # of years</p> <p>Dependent: Value of computer</p> <p>Answer: <u>D</u> Next Card: <u>B</u></p>	<p>Independent: # of months</p> <p>Dependent: Total cost</p> <p>Answer: <u>D</u> Next Card: <u>I</u></p>
<p>Independent: # of hours</p> <p>Dependent: Gallons of water</p> <p>Answer: <u>C</u> Next Card: <u>A</u></p>	<p>Independent: # of fair tickets</p> <p>Dependent: Total cost of tickets</p> <p>Answer: <u>A</u> Next Card: <u>E</u></p>
<p>Independent: # of hours</p> <p>Dependent: Total miles</p> <p>Answer: <u>D</u> Next Card: <u>C</u></p>	<p>Independent: # of weeks</p> <p>Dependent: Total books</p> <p>Answer: <u>A</u> Next Card: <u>H</u></p>

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