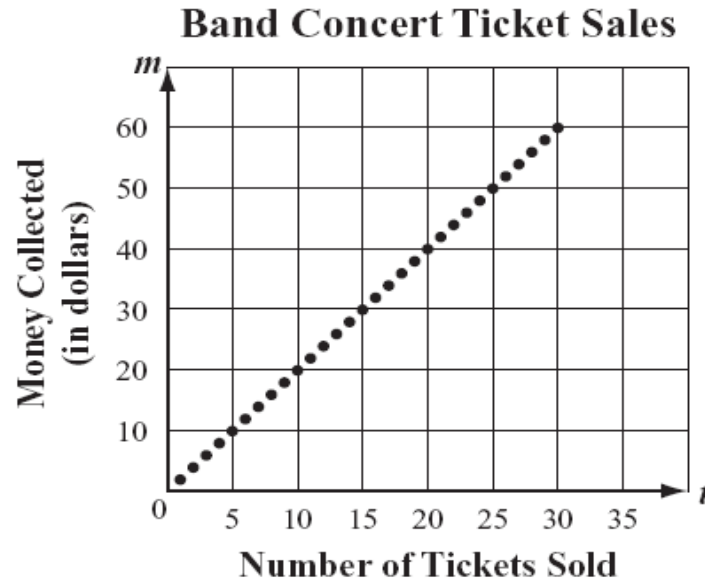


Daily MCAS

2009, Mathematics - Grade 7

The graph below shows the relationship between the number of tickets sold for a band concert and the amount of money, in dollars, collected from the sales of the first 30 tickets.



For the data in the graph, which of the following equations can be used to calculate m , the amount of money, in dollars, collected for t tickets sold?

A. $m = \frac{1}{2}t$

B. $m = 2t$

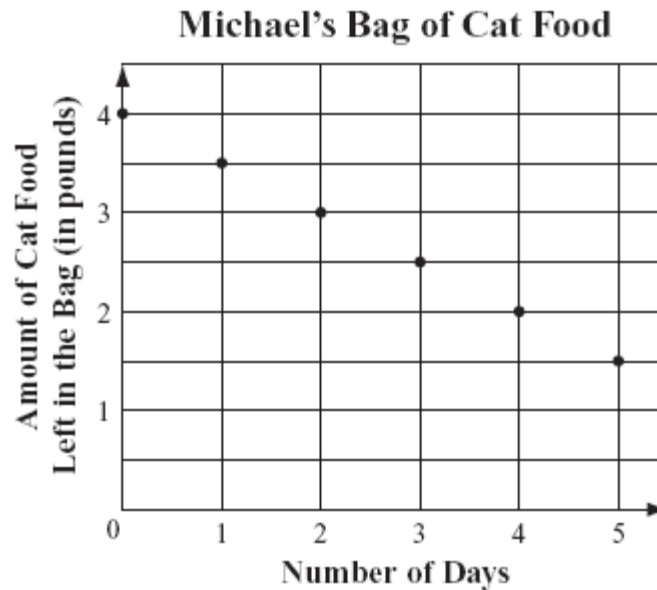
C. $m = 5t$

D. $m = 10t$

Daily MCAS

2008, Mathematics - Grade 7

Michael bought a 4-pound bag of cat food. He fed his cat the same amount of food from the bag each day, as shown in the graph below.



What amount of food from the bag did Michael feed his cat each day?

- A. $\frac{1}{4}$ pound
- B. $\frac{1}{2}$ pound
- C. 1 pound
- D. 2 pounds

Daily MCAS

2008 Mathematics - Grade 7

Diana's book has 228 pages. Brianna's book has n fewer pages than Diana's book.

Which of the following expressions represents the number of pages in Brianna's book?

A. $228 - n$

B. $228 + n$

C. $n - 228$

D. $n \div 228$

Daily MCAS

2008 Mathematics MCAS – Grade 7

Ashley studied one hour less than twice as many hours as Melissa studied. Let m stand for the number of hours Melissa studied. Which of the following expressions represents the number of hours Ashley studied?

A. $\frac{1}{2}m - 1$

B. $1 - \frac{1}{2}m$

C. $1 - 2m$

D. $2m - 1$