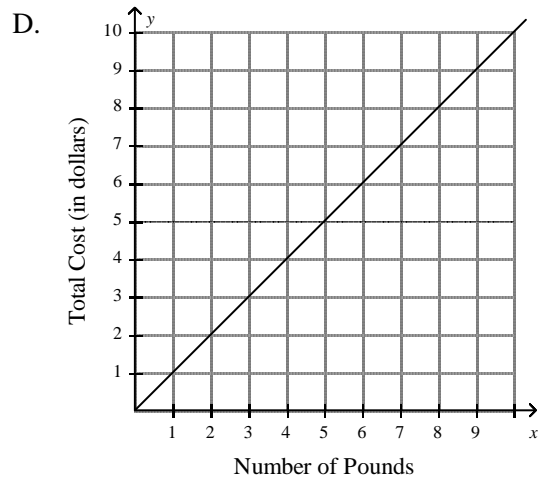
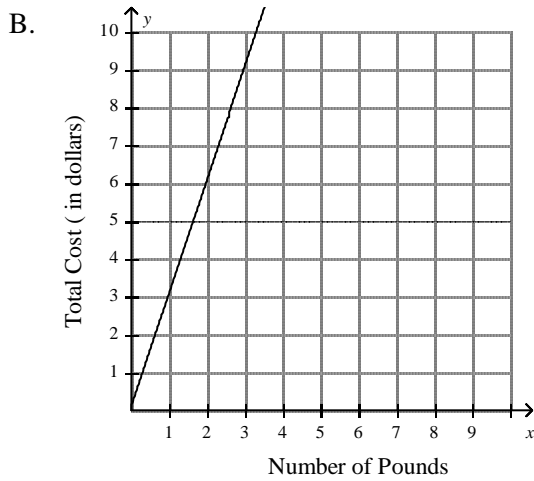
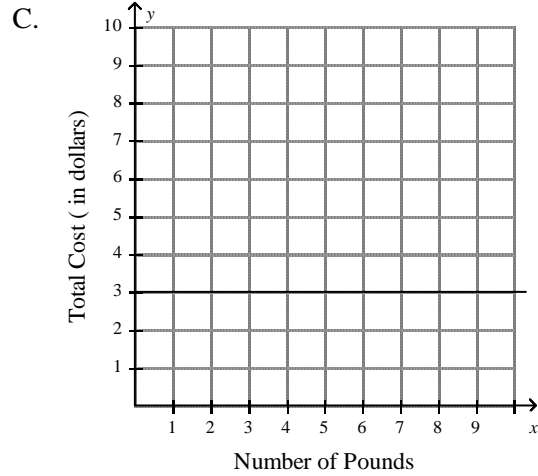
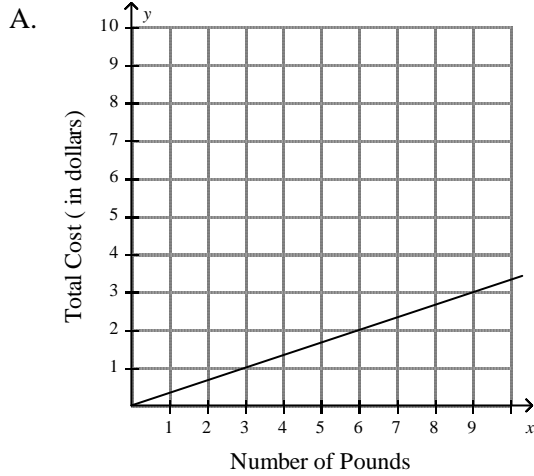


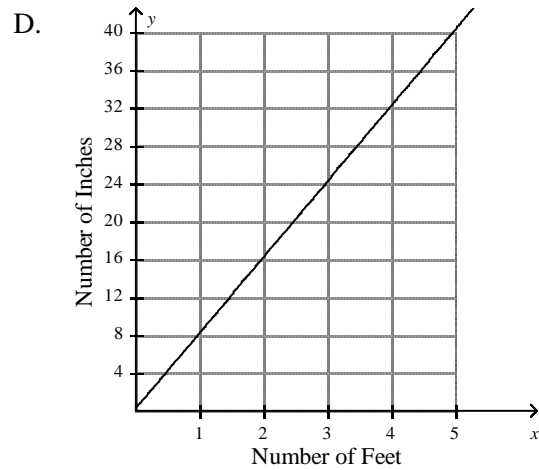
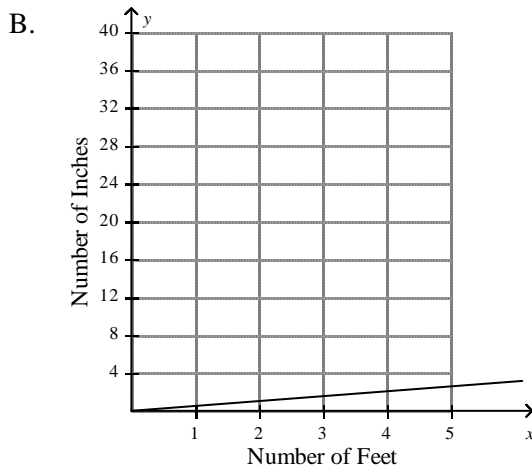
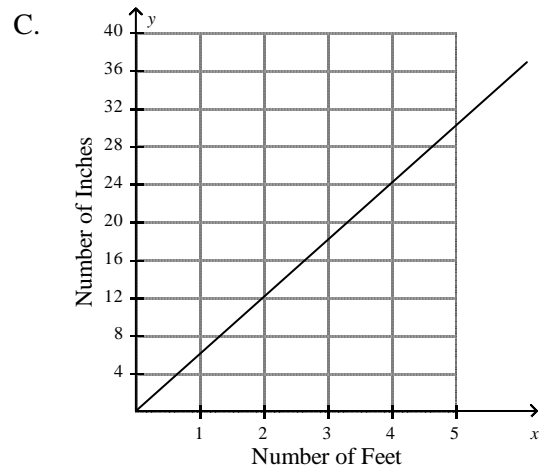
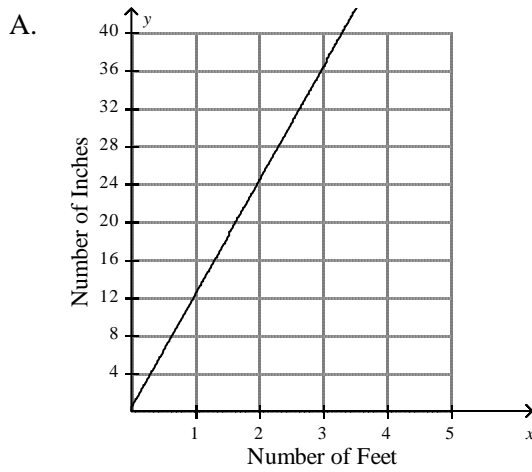
# CA Grade 7 Standard 7.AF.3.4

## MULTIPLE CHOICE

1. Trail mix is on sale for \$3.00 per pound. Which graph shows the relationship between the number of pounds of trail mix and the total cost?



2. Which of the following graphs shows the relationship between inches and feet?



3. The ratio of the circumference of a circle to its diameter is  $\frac{22}{7}$ . What is the slope of the line on a graph that shows the relationship between circumference and diameter?

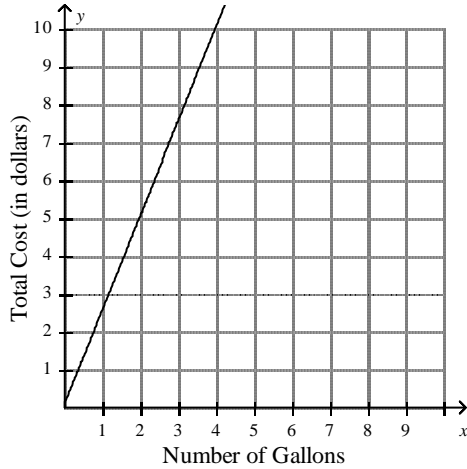
A.  $\frac{7}{22}$

C.  $\frac{22}{3}$

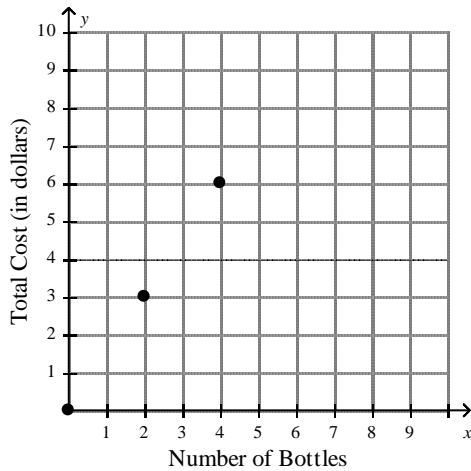
B.  $\frac{1}{2}$

D.  $\frac{22}{7}$

4. The graph below shows the relationship between the price and the number of gallons of gasoline purchased. What was the price per gallon of gasoline?

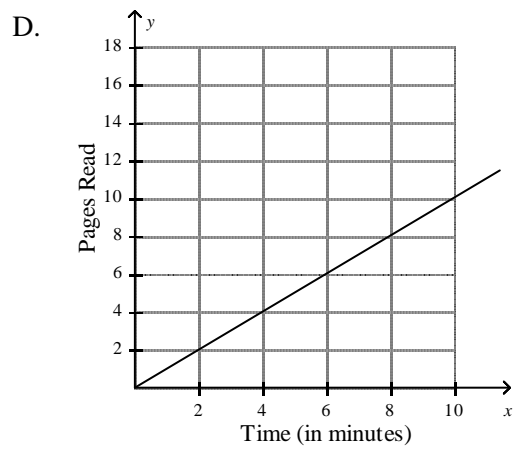
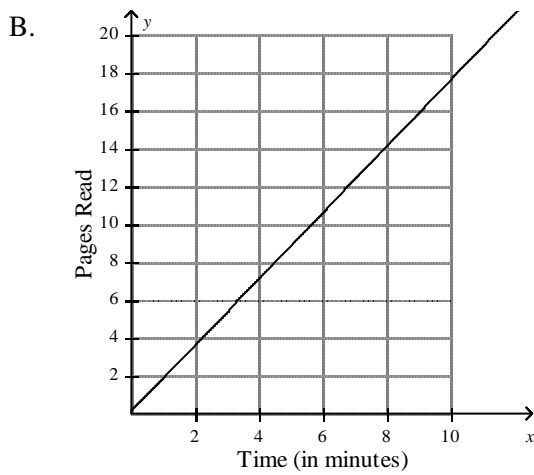
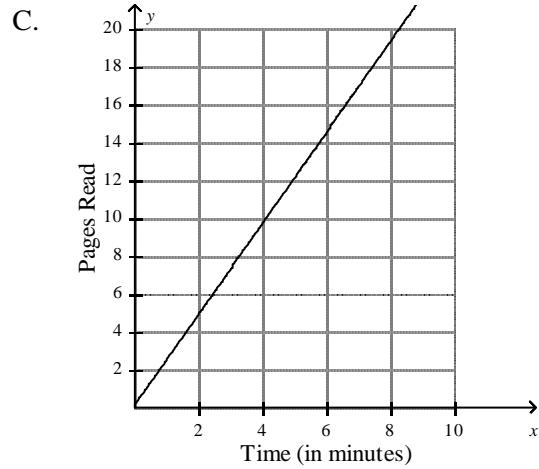
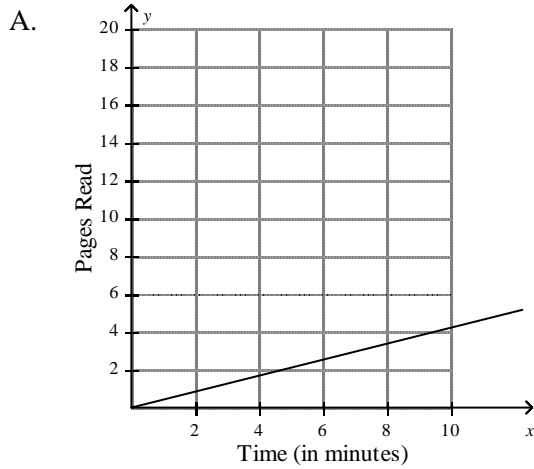


- A. \$1.25  
B. \$1.75  
C. \$2.50  
D. \$3.25
5. The graph below shows the number of bottles of water purchased and the total cost. What is the slope of a line connecting these points?



- A. 2  
B. 3  
C.  $\frac{2}{3}$   
D.  $\frac{3}{2}$

6. Jen reads at a constant rate of 12 pages every five minutes. Which graph below represents this relationship?



7. The slope of line representing pints to cups is  $\frac{1}{2}$ . What is the ratio of pints to cups?

- A. 2 to 1  
 B. 3 to 1  
 C. 1 to 2  
 D. 2 to 3

