

Determine if the tables are proportional. If they are find  $k$ . If not, explain why.

1. 

Time	Cost
1	8
5	40
7	56

 $k =$  \_\_\_\_\_

2. 

Ounces	Cost
10	2
20	4
30	6

 $k =$  \_\_\_\_\_

3. 

Minutes	Miles Ran
8	1
12	1.5
16	2

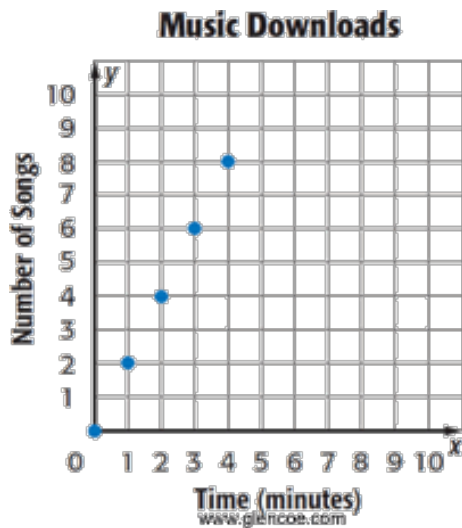
 $k =$  \_\_\_\_\_

4. 

Hours	Number of Customers
1	15
6	72
10	180

 $k =$  \_\_\_\_\_

Use the graph below to answer questions 5 and 6.

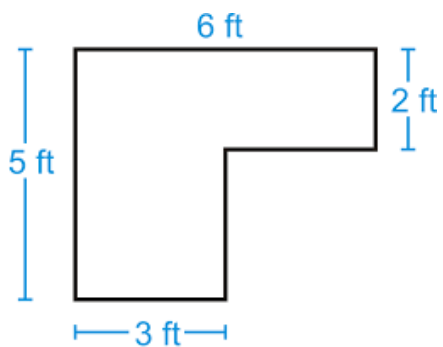


5. What does the point (3, 6) mean on the graph in terms of music downloads?

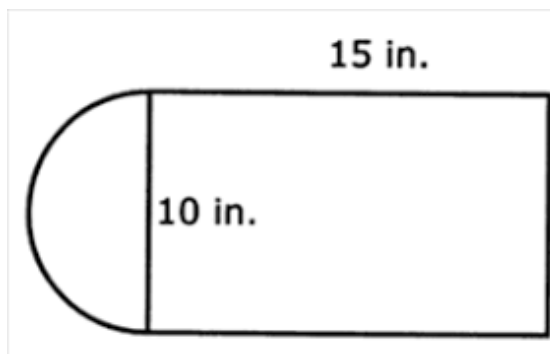
6. What is  $k$ ? What does it mean in this context?

Find the area of the following composite shapes.

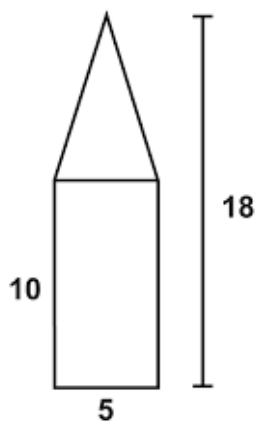
7)



8)



9) This figure is measured in centimeters.



10)

