

### 3A Use ratios to describe proportional relationships

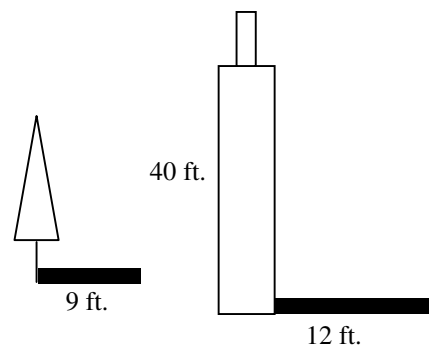
1. Jeremy made note of the color of students' tennis shoes in class. The table below shows the results of his count.

Color	No. of Students
Blue	7
White	14
Black	9

Using this table, how many students could Jeremy expect to wear black tennis shoes out of a group of 50?

- A 9  
B 15  
C 18  
D 30
2. A grocery store special advertises 25 oranges for \$2.25. At this rate, what would be the cost of 15 oranges?
- A \$1.12  
B \$1.25  
C \$1.35  
D \$2.00

3. A tree and a building cast shadows as shown below. Based on the information in this diagram, what is the height of the tree?



- A 9 ft.  
B 12 ft.  
C 24 ft.  
D 30 ft.
4. A class of students is able to paint 15 birdhouses with 6 cans of paint. How many birdhouses could they paint with 8 cans of paint?
- A 12  
B 14  
C 20  
D 48