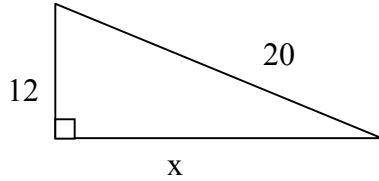


**Grade 8 – Standard 10**

12. What is the length of the missing side in this triangle?



- E) 14  
F) 15  
G) 16  
H) 18
32. Norm is standing beside a tree. Norm is 5 feet tall and casts a three foot shadow. If the tree's shadow is 27 feet long, how tall is the tree?



Note: figures are **not** drawn to scale

- A) 45 ft.  
B) 48 ft.  
C) 81 ft.  
D) 135 ft.
57. Mr. Kyle drives eight miles south and then six miles east. What was the diagonal distance from his starting point?
- A) 2 miles  
B) 10 miles  
C) 14 miles  
D) 48 miles