



National  
Railroad  
Museum

# BIGBOY

## Grades 3–5

1. A football field is 100 yards long. A Big Boy is about 133 feet long.  
How many Big Boys can fit onto a football field?  
 2                       3                       4                       5
2. Big Boy's tender held 28 tons of coal. It was modified to hold 32 tons.  
With the increase, how many pounds of coal were added to Big Boy's tender?  
 4,000                       16,000                       8,000                       2,000
3. Big Boy weighs 600 tons and can pull a train weighing 3,600.  
What is the ratio of Big Boy's weight to the train's weight?  
 1:3                       1:6                       1:7.125                       1:9
4. There were 25 Big Boy's. They hauled freight for 30 years.  
In total all 25 Big Boy's traveled over 25 million miles.  
The distance to the moon is 250,000 miles. Based on their  
total miles, how many times could the Big Boy's travel to  
the moon and back?  
 40.375                       50                       62.5                       79.8

