

## 797F Mining Truck Vocabulary matching

Name \_\_\_\_\_



Draw a line from the vocabulary word to the correct definition.

capacity

the maximum amount that  
something can contain

payload

full, maximum or optimum  
rate of motion

overburden

an ore from which iron  
can be extracted

top speed

the making of goods or wares  
by manual labor or by machinery  
especially on a large scale

iron ore

the weight of the cargo  
being hauled

manufacture

rock or soil overlying a mineral deposit,  
archaeological site, or other  
underground feature

## 797F Mining Truck Multiple Choice

Name \_\_\_\_\_



The 797F Mining Truck is the largest truck Caterpillar manufactures. This truck is used for hauling a variety of materials such as copper, coal, gold, iron ore or overburden at mine sites in many parts of the world. The 797F stands 25 feet 4 inches tall and is 49 feet 6 inches in length. The truck weighs 1,375,000 pounds and is capable of reaching a top speed of 42mph with a 400 ton payload capacity.

Using the information above circle the correct answer to the questions below.

1. How tall is the 797F Mining Truck?
  - 50 feet 4 inches
  - 35 feet 2 inches
  - 100 feet 8 inches
  - 25 feet 4 inches
2. What is the payload capacity of the 797F Mining Truck?
  - 10,000 pounds
  - 2 ton
  - 400 ton
  - 1,000 ton
3. How long is the 797F Mining Truck?
  - 60 feet 5 inches
  - 149 feet
  - 49 feet 6 inches
  - 59 feet 6 inches
4. How much does the 797F Mining Truck weigh?
  - 5,000,000 pounds
  - 1,375,000 pounds
  - 6,000 pounds
  - 500 pounds
5. What is the 797F Mining Trucks top speed?
  - 23 mph
  - 100 mph
  - 67 mph
  - 42 mph