



Mathematics questions for grades 9-12 leopard

Read the about the leopard at

http://www.bigcatrescue.org/leopard_cat.htm

The leopard is capable of running 40 miles per hour for short distances, can jump 10 feet vertically and leap more than 20 feet horizontally. A leopard ran a distance of 176 yards. If this leopard had continued at this rate, about how many more minutes would it have taken the cat to run one mile?

- 50 minutes
- 10 minutes
- 40 minutes
- 24 minutes

If a leopard is capable of producing young at age 2 or 3 and can continue until they are 9 years old; producing 1-3 cubs each year, what is the largest possible number of cubs one female can produce in a lifetime. Explain how you solve this problem and show your work.
