

The temperature of a spacecraft's surface is -100°C before it enters the Earth's atmosphere. In a 10 minute period, it changes at a steady rate to 1650°C . What was the surface temperature of the spacecraft after four minutes of being inside the atmosphere?

Andy lost 3 yards each time he carried the ball in the 1st half of the football game, however, his total rushing yards for the game was 10 yards. If he carried the ball 4 times in the 1st half of the game, how many yards did he rush in the 2nd half?

In a well there are 800 liters of water. At the top there is a pipe that deposits 25 liters per minute into the well, and at the bottom there is another pipe which withdraws 30 liters per minute from the same well. How many liters of water will there be in the well after 6 minutes of the pipes functioning.

A hot air balloon is at an altitude of 1250 ft. It is descending at a constant rate of 16 ft. per minute. How many minutes would it take for the balloon to reach an altitude of 1042?