

Attendance Quiz 5

Name: _____ Date : _____

1. (Depreciation) Supposed a piece of heavy machinery costs \$24,000 and depreciates linearly at the rate of 8% per year.

(a) Find a formula for the value V of the item after t years.

(b) Use this formula to determine value V of the item after 7 years.

(c) After how many years will the item be worth \$5000?

(d) After how many years will the item have lost all its value?