Explain in detail the dollar amount of a loan required to increase the company’s liabilities by 10% using a loan.

December 31, 2011

CURRENT LIABILITIES:

Accounts payable . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $ 11,572

Dividends payable . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4,344

Accrued liabilities. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .. . . . . . . 42,056

Total current liabilities. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 57,972

NONCURRENT LIABILITIES:

Deferred income taxes. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 35,940

Postretirement health care and life insurance benefits. . . . . . . . . . . . . . . . . . . . 13,214

Industrial development bonds . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 7,500

Liability for uncertain tax positions . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 20,056

Deferred compensation and other liabilities . . . . . . . . . . . . . . . . . . . . . . . . . . . . 39,813

Total noncurrent liabilities. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 116,523

SHAREHOLDERS’ EQUITY:

Common stock, $.69-4/9 par value—

120,000 shares authorized—

35,404 and 35,364, respectively, issued. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 24,586

Class B common stock, $.69-4/9 par value—

40,000 shares authorized—

18,892 and 18,390, respectively, issued. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 13,120

Capital in excess of par value. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 457,491

Retained earnings, per accompanying statement . . . . . . . . . . . . . . . . . . . . .. . . 156,752

Accumulated other comprehensive loss . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . (11,727)

Treasury stock (at cost)—

63 shares and 62 shares, respectively . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . (1,992)

Total shareholders’ equity . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 638,230

Total liabilities and shareholders’ equity . . . . . . . . . . . . . . . . . . . . . . . . . . . .. $812,725

What is the amount of the loan required to increase total liabilities by 10%?

Show all math in the answer.