

GLOBAL
EDITION



Fundamentals of Engineering Economics

FOURTH EDITION

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Resources for Success

MyLab Engineering for Fundamentals of Engineering Economics, 4e

(access code required)

MyLab™ Engineering is the teaching and learning platform that empowers you to reach *every* student. By combining trusted author content with digital tools and a flexible platform, MyLab Engineering personalizes the learning experience and improves results for each student.

Homework: Week 4 homework

Score: 0 of 1 pt

1 of 4 (0 complete)

HW Score: 0%, 0 of 4 pts

Problem 5-7 (algorithmic)

What is the present worth of the project which requires \$111,000 investment now and receives \$34,000 every year for five years at an interest rate of 10% per year?

Click the icon to view the interest factors for discrete compounding when $i = 10\%$ per year.

The present worth of the project is \$34,666. (Round to the nearest dollar.)

More Info

Single Payment			Equal Payment Series			
N	Compound Amount Factor (F/P, i, N)	Present Worth Factor (P/F, i, N)	Compound Amount Factor (F/P, i, N)	Sinking Fund Factor (A/F, i, N)	Present Worth Factor (P/A, i, N)	Capital Recovery Factor (A/P, i, N)
1	1.1000	0.9091	1.0000	1.0000	0.9091	1.1000
2	1.2100	0.8264	2.1000	0.4762	1.7355	0.5762
3	1.3310	0.7513	3.3100	0.3021	2.4869	0.4021
4	1.4641	0.6830	4.6410	0.2155	3.1899	0.3155
5	1.6105	0.6209	6.1051	0.1638	3.7908	0.2638
6	1.7716	0.5645	7.7165	0.1298	4.3553	0.2298
7	1.9487	0.5132	9.4872	0.1054	4.8884	0.2054
8	2.1436	0.4665	11.4369	0.0874	5.3849	0.1874
9	2.3579	0.4241	13.5795	0.0750	5.8559	0.1750
10	2.5937	0.3855	15.9374	0.0627	6.3146	0.1627

Enter your answer in the answer box and click the OK button.

All parts showing

Check Answer

Book-Specific Exercises

MyLab Engineering's varied homework and practice questions are correlated to the textbook and many regenerate algorithmically to give students unlimited opportunity for practice and mastery.

Exercises are automatically graded so students get immediate feedback on whether they've mastered the concept.

Study Plan

The Study Plan gives students personalized recommendations, practice opportunities, and learning aids to help them stay on track.

Recommendations Progress All Chapters

Practice the sections, then take a Quiz Me to prove mastery and earn mastery points (MP).

Recommended sections

- 0.1 Getting Started
 - Practice Quiz Me
- 2.1 Accounting: The Basis of Decision Making
 - Practice Quiz Me
- 2.2 Financial Status for Businesses
 - Practice Quiz Me
- 3.1 Interest: The Cost of Money
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