

Civil Engineering PE Sample Exam 2/e
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The following updates and corrections are pending for the third printing of this book:

Page/Location	Was	Change to
p. 72, Problem 6.19	d. 15.50 hours	d. 15.25 hours
p. 74, Problem 6.25	\$250,000 \$200,000	\$240,000 \$192,000
p. 154, Solution 6.19 Answer choice Line 16 Line 17 Line 20	c. (compacted) 1480 cm × 1.30 = 1924 1924 cm/135 cm = 14.25 hrs	d. (bank) 1480 cm × 1.39 = 2057 2057 cm/135 cm = 15.25 hrs
p. 164, Solution 6.39, lines 2 and 7 (two instances)	× 4 ×	divided by
p. 170, Problem 6.19	c.	d.

The following updates and corrections have been made for the second printing of this book:

Page/Location	Was	Change to
Cover, first bullet	. . . six afternoon exams five afternoon exams . . .
p. 56, Problem 5.5 answer choices	c. 700 pc/h d. 3050 pc/h	c. 1900 pc/h d. 700 pc/h
p. 71, Problem 6.17 answer choices	a. 9.5 st/hr b. 13.3 st/hr c. 10.8 st/hr	a. 10.8 st/hr b. 11.1 st/hr c. 13.3. st/hr
p. 80, Exhibit 6.34a	Line drawn between Activity F and Activity H.	Line between Activity F and Activity G instead of F and H.
p. 121, Solution 3.32, line 1	¾-inch	7/8-inch
p. 142, Solution 5.5, answer choice	d.	c.

First equation 2 nd equation 3 rd equation 4 th equation	0.05887 0.05887, 0.3265 0.3265, 2351 2351, 3051	0.01115 0.0115, 0.1675 0.1675, 1206 1206, 1906
p. 149, Solution 6.2 answer choice	b.	c.
p. 154, Solution 6.17 answer choice Solution calculation	a. 951 ft . . . 9.5 sta . . .	b. 1108.8 ft . . . 11.1 sta . . .
p. 154, Solution 6.18	Repair cost = $1/15 \times$ $\$160,000/1000 =$ $\$10.67/\text{hr}$	[insert new line below Repair cost:] Per IRS guidelines for depreciation, equipment life is 5 years. Repair cost = (Year digit/sum of years digits) \times (lifetime repair cost/hrs used) $= 1/15 \times \$160,000/1000 =$ $\$10.67/\text{hr}$
p. 169, Solution Table	5.5 d.	5.5 c.
p. 170, Solution Table	6.2 b. 6.17 a.	6.2 c. 6.17 b.