ERRATA for
Fundamentals of Surveying Sample Questions and Solutions

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Reference Formulas

p. 21: Line 1 of the Probability and Statistics section should read as follows:

$$\sigma = \sqrt{\frac{\Sigma(x_i - \bar{x})^2}{n-1}} = \sqrt{\frac{\Sigma v^2}{n-1}}$$

Solutions

p. 71, Solution 9: Line 5 should read as follows:

$$1\ \text{min} = \frac{1}{60}\ \text{hour} = \frac{1}{60} \times \frac{1}{24} = \frac{1}{1,440}\ \text{day} = \frac{360°}{1,440} = 0.25°$$

p. 84, Solution 53: The solution should read as follows:

(Reference: See List A or a basic statistics reference)

n = 12

By calculator, mean = 56.75

Standard deviation, $\sigma = 3.04$

Standard deviation of mean $= \frac{\sigma}{\sqrt{12}} = \frac{3.04}{\sqrt{12}} = 0.880$

THE CORRECT ANSWER IS: (A)

p. 93, Solution 77: The correct answer is B.

THE CORRECT ANSWER IS: (B)