

**TOPIC**

Engineering Probability and Statistics – Section II – Question 6

**QUESTION**

The table below summarizes the analysis of samples of galvanized steel for coating weight and surface roughness:

	Coating Weight (CW)	
Surface Roughness (SR)	High	Low
High	12	16
Low	88	34

The probability that a sample has high surface roughness, given it has high coating weight most nearly is

- (A) 0.12
- (B) 0.15
- (C) 0.16
- (D) 0.28

**CONTRIBUTOR**

Michael Weng