Answer on Question #57496 – Math – Statistics and Probability

Question

The area that falls between Z= -2 and Z=0 is approximately?

Solution

$$P(-2 < Z < 0) = P(Z < 0) - P(Z < -2) = P(Z < 0) - 1 + P(Z < 2) =$$

$$= 0.5 - 1 + 0.9772 = 0.4772.$$

Answer: $0.4772.$