

# Eindexamen wiskunde B1 vwo 2004-I

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## Munten

$$15. \quad P = \Phi\left(\frac{649,5 - 650}{0,5}\right) = \Phi(-1) = 0,159$$

Of met de GR:  $\text{normalcdf}(-10^{99}, 649.5, 650, 0.5) = 0,159$

$$16. \quad P = \frac{\binom{8}{3} \binom{9}{2}}{\binom{17}{5}} = 0,33$$

$$17. \quad P(X = n \mid a = 17, p = 0,16) < 0,01 \quad \rightarrow \quad n \geq 7$$