

☒ ☒ 100 ☒ ☒ ☒ ☒ ☒

• $\int_{-\infty}^{\infty} \delta(x) dx = 1$
• $\int_{-\infty}^{\infty} \delta(x) f(x) dx = f(0)$
• $\int_{-\infty}^{\infty} \delta(x-a) f(x) dx = f(a)$
• $\int_{-\infty}^{\infty} \delta(x) dx = 1$
• $\int_{-\infty}^{\infty} \delta(x) f(x) dx = f(0)$
• $\int_{-\infty}^{\infty} \delta(x-a) f(x) dx = f(a)$
• $\int_{-\infty}^{\infty} \delta(x) dx = 1$
• $\int_{-\infty}^{\infty} \delta(x) f(x) dx = f(0)$
• $\int_{-\infty}^{\infty} \delta(x-a) f(x) dx = f(a)$