# Embedded Within… Chain, Product, Quotient Rule… Create Your Own Examples

| | Chain within a… | | Product within a… | | Quotient within a… | |
|---|---|---|---|---|---|---|
| | Question | Answer | Question | Answer | Question | Answer |
| **Chain** | | | $y = cos(sinxe^x)$ | | | |
| **Product** | $y = sinxcos(e^x)$ | | | | | |
| **Quotient** | | | | | $y = \dfrac{3x^5 + 1}{tanx}$ | |

*This one outside*