$$f_{1} = x_{1}(x)$$

$$f_{2} = f_{1}$$

$$f_{3} = f_{1} + f_{2}$$

$$f_{4} = x_{1}(f_{3})$$

$$f_{5} = x_{1}(f_{3})$$

$$f_{5} = x_{1}(f_{3})$$

$$g = f_{4} + f_{5}$$

$$g = f_{4} + f_{5}$$

$$g = f_{5} = x_{5}f_{3}$$

$$g = f_{5} = x_{5}f_{3}$$

$$g = f_{5} = x_{5}f_{5}$$

$$g = f_{5}f_{5}$$

$$g$$