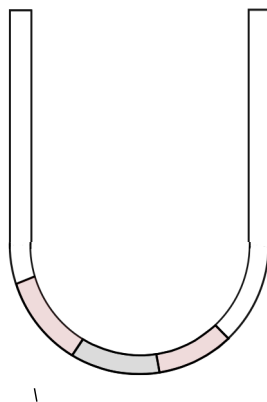
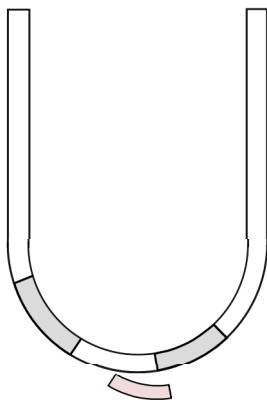


$$g(\text{green arc})f(\text{red arc}) - f(\text{red arc})g(\text{green arc}) = 0$$



$$f(\text{green arc})g(\text{white arc}) - g(\text{white arc})f(\text{green arc}) = f(\text{green arc})g(\text{white arc}) - g(\text{white arc})f(\text{green arc}) = 0$$