

Find the value of the given derivative

1. If  $g(x) = \dots \frac{(x-3)^{22}}{100}$  what is the value of  $g^{22}(3)$ ?

2. If  $g(x) = \dots \frac{(x-1)^{50}}{100}$  what is the value of  $g^{50}(1)$ ?

3. If  $g(x) = \dots \frac{x^{42}}{42}$  what is the value of  $g^{42}(0)$ ?

4. If  $g(x) = \dots \frac{(x-2)^{15}}{30}$  what is the value of  $g^{15}(2)$ ?

5. If  $g(x) = \dots \frac{(x-5)^{20}}{30}$  what is the value of  $g^{20}(5)$ ?

6. If  $g(x) = \dots \frac{(x-2)^{12}}{15}$  what is the value of  $g^{12}(2)$ ?

7. If  $g(x) = \dots \frac{(x-7)^{25}}{17}$  what is the value of  $g^{25}(7)$ ?

8. If  $g(x) = \dots \frac{x^{21}}{20}$  what is the value of  $g^{21}(0)$ ?

9. If  $g(x) = \dots \frac{(x-4)^{19}}{25}$  what is the value of  $g^{19}(4)$ ?

10. If  $g(x) = \dots \frac{(x-10)^{100}}{50}$  what is the value of  $g^{100}(10)$ ?