

## PROBLEMS

### PROBLEM 1

Let  $f(x) = x^2 + 2x + 1$ . Find  $f(3)$ .

### PROBLEM 2

Let  $f(x) = x^2 + 2x + 1$ . Find  $f'(3)$ .

### PROBLEM 3

Let  $f(x) = x^2 + 2x + 1$ . Find  $f''(3)$ .

### PROBLEM 4

Let  $f(x) = x^2 + 2x + 1$ . Find  $f'''(3)$ .

### PROBLEM 5

Let  $f(x) = x^2 + 2x + 1$ . Find  $f^{(4)}(3)$ .

### PROBLEM 6

Let  $f(x) = x^2 + 2x + 1$ . Find  $f^{(5)}(3)$ .

### PROBLEM 7

Let  $f(x) = x^2 + 2x + 1$ . Find  $f^{(6)}(3)$ .

### PROBLEM 8

Let  $f(x) = x^2 + 2x + 1$ . Find  $f^{(7)}(3)$ .

### PROBLEM 9

Let  $f(x) = x^2 + 2x + 1$ . Find  $f^{(8)}(3)$ .

### PROBLEM 10

Let  $f(x) = x^2 + 2x + 1$ . Find  $f^{(9)}(3)$ .

### PROBLEM 11

Let  $f(x) = x^2 + 2x + 1$ . Find  $f^{(10)}(3)$ .

### PROBLEM 12

Let  $f(x) = x^2 + 2x + 1$ . Find  $f^{(11)}(3)$ .

### PROBLEM 13

Let  $f(x) = x^2 + 2x + 1$ . Find  $f^{(12)}(3)$ .

Let  $f(x) = x^2 + 2x + 1$ . Find  $f^{(13)}(3)$ .

Let  $f(x) = x^2 + 2x + 1$ . Find  $f^{(14)}(3)$ .

### PROBLEM 14

Let  $f(x) = x^2 + 2x + 1$ . Find  $f^{(15)}(3)$ .

### PROBLEM 15

Let  $f(x) = x^2 + 2x + 1$ . Find  $f^{(16)}(3)$ .