Ops & Composition

Arguments

1. $f(x) = \frac{2}{x}, f(3)$

2. $f(x) = x - 7, f(10)$

3. $f(x) = 5x^3 + 3x, f(a)$

4. $f(x) = x^2 - 2x + 1, f(a)$

5. $f(x) = -x^2 + 10x, f(a)$

6. $f(x) = 1 + 8x^2, f(a - 1)$

7. $f(x) = \sqrt{x}, f(a + b)$

8. $f(x) = 2x - 1, f(2a)$

9. $f(x) = x^3, f\left(\frac{1}{x}\right)$

10. $f(x) = \sqrt{x}, f\left(\sqrt[3]{1 - x}\right)$

Answers

Ops & Composition

Arguments

1. $\dfrac{2}{3}$

2. 3

3. $5a^3 + 3a$

4. $a^2 - 2a + 1$

5. $-a^2 + 10a$

6. $8a^2 - 16a + 9$

7. $\sqrt{a + b}$

8. $4a - 1$

9. $\dfrac{1}{x^3}$

10. $\sqrt{\sqrt[3]{1 - x}}$