

Derivatives

Basic

Constant Rule

1. $\frac{d}{dx}(1)$

2. $\frac{d}{dx}\left(\frac{2}{3}\right)$

3. $\frac{d}{dx}\left(\sin\left(\frac{\pi}{2}\right)\right)$

4. $\frac{d}{dx}(3a)$

5. $\frac{d}{dx}\left(n^2\right)^{\frac{1}{3}}$

6. $\frac{d}{dx}(-4)$

7. $\frac{d}{dx}(\sqrt{3})$

8. $\frac{d}{dx}\left(\frac{1}{2}\right)$

9. $\frac{d}{dx}(6)$

10. $\frac{d}{dx}(a)$

Answers

Derivatives

Basic

Constant Rule

1. 0

2. 0

3. 0

4. 3

5. $\frac{2}{3x^{\frac{1}{3}}}$

6. 0

7. 0

8. 0

9. 0

10. 1