



Basic Derivatives - Constant to Derivative



1 Find the derivative $f'(x)$.

$$f(x) = 7$$

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|---|--------------|---|-------------|
| A | $f'(x) = 7x$ | B | $f'(x) = 0$ |
| C | $f'(x) = 7$ | D | $f'(x) = 1$ |

2 Find the derivative $f'(x)$.

$$f(x) = 9$$

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|---|--------------|---|-------------|
| A | $f'(x) = 9x$ | B | $f'(x) = 9$ |
| C | $f'(x) = 1$ | D | $f'(x) = 0$ |

3 Find the derivative $f'(x)$.

$$f(x) = 4$$

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|---|-------------|---|--------------|
| A | $f'(x) = 4$ | B | $f'(x) = 4x$ |
| C | $f'(x) = 0$ | D | $f'(x) = 1$ |

4 Find the derivative $f'(x)$.

$$f(x) = \frac{6}{7}$$

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|---|------------------------|---|-----------------------|
| A | $f'(x) = 0$ | B | $f'(x) = 1$ |
| C | $f'(x) = \frac{6}{7}x$ | D | $f'(x) = \frac{6}{7}$ |

5 Find the derivative $f'(x)$.

$$f(x) = 18$$

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|---|---------------|---|-------------|
| A | $f'(x) = 18x$ | B | $f'(x) = 1$ |
| C | $f'(x) = 18$ | D | $f'(x) = 0$ |

6 Find the derivative $f'(x)$.

$$f(x) = \frac{2}{9}$$

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|---|------------------------|---|-----------------------|
| A | $f'(x) = 1$ | B | $f'(x) = \frac{2}{9}$ |
| C | $f'(x) = \frac{2}{9}x$ | D | $f'(x) = 0$ |

7 Find the derivative $f'(x)$.

$$f(x) = 3$$

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|---|--------------|---|-------------|
| A | $f'(x) = 1$ | B | $f'(x) = 3$ |
| C | $f'(x) = 3x$ | D | $f'(x) = 0$ |

8 Find the derivative $f'(x)$.

$$f(x) = \frac{3}{9}$$

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|---|-----------------------|---|------------------------|
| A | $f'(x) = 0$ | B | $f'(x) = 1$ |
| C | $f'(x) = \frac{3}{9}$ | D | $f'(x) = \frac{3}{9}x$ |