



Basic Derivatives - Constant (with Rule) to Derivative

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

if $f(x) = c$, $f'(x) = 0$
 $f(x) = \frac{2}{8}$

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|---|-------------|---|------------------------|
| A | $f'(x) = 0$ | B | $f'(x) = \frac{2}{8}x$ |
| C | $f'(x) = 1$ | D | $f'(x) = \frac{2}{8}$ |

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

if $f(x) = c$, $f'(x) = 0$
 $f(x) = \frac{7}{6}$

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

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

if $f(x) = c$, $f'(x) = 0$
 $f(x) = \frac{4}{8}$

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|---|-------------|---|------------------------|
| A | $f'(x) = 0$ | B | $f'(x) = \frac{4}{8}x$ |
| C | $f'(x) = 1$ | D | $f'(x) = \frac{4}{8}$ |

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

if $f(x) = c$, $f'(x) = 0$
 $f(x) = 16$

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|---|-------------|---|---------------|
| A | $f'(x) = 0$ | B | $f'(x) = 16$ |
| C | $f'(x) = 1$ | D | $f'(x) = 16x$ |

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

if $f(x) = c$, $f'(x) = 0$
 $f(x) = \frac{6}{8}$

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|---|-----------------------|---|------------------------|
| A | $f'(x) = \frac{6}{8}$ | B | $f'(x) = \frac{6}{8}x$ |
| C | $f'(x) = 1$ | D | $f'(x) = 0$ |

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

if $f(x) = c$, $f'(x) = 0$
 $f(x) = 4$

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

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

if $f(x) = c$, $f'(x) = 0$
 $f(x) = \frac{2}{7}$

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|---|------------------------|---|-----------------------|
| A | $f'(x) = 1$ | B | $f'(x) = 0$ |
| C | $f'(x) = \frac{2}{7}x$ | D | $f'(x) = \frac{2}{7}$ |

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

if $f(x) = c$, $f'(x) = 0$
 $f(x) = \frac{9}{6}$

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|---|-------------|---|------------------------|
| A | $f'(x) = 0$ | B | $f'(x) = \frac{9}{6}$ |
| C | $f'(x) = 1$ | D | $f'(x) = \frac{9}{6}x$ |