

Substitution into Expressions

Given that $a = 5$, find the values of:

- | | |
|-------------------|----------------|
| (a) $a + 6$ | (b) $a - 3$ |
| (c) $3a$ | (d) $5a - 2$ |
| (e) $\frac{a}{5}$ | (f) a^2 |
| (g) $3a - 1$ | (h) $a^2 + 10$ |
| (i) $10 - a$ | (j) $50 - a^2$ |

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Given that $b = -3$, find the values of:

- | | |
|-------------------|----------------|
| (a) $b + 8$ | (b) $b - 1$ |
| (c) $4b$ | (d) $4b - 3$ |
| (e) $\frac{b}{3}$ | (f) b^2 |
| (g) $2b + 2$ | (h) $b^2 + 1$ |
| (i) $10 - b$ | (j) $20 - b^2$ |

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| (g) $2b + 2$ | (h) $b^2 + 1$ |
| (i) $10 - b$ | (j) $20 - b^2$ |

Given that $a = 10, b = 2$ and $c = 7$, find the value of:

- | | |
|----------------------|---------------------|
| (a) $a + b$ | (b) $c - b$ |
| (c) $2c + b$ | (d) $a + b - c$ |
| (e) $5 + 3b$ | (f) $100 - 4a$ |
| (g) $a + b^2$ | (h) $a^2 + 2b$ |
| (i) $\frac{a^2}{20}$ | (j) $\frac{a+b}{3}$ |

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Given that $a = 8, b = -3$ and $c = 4$, create an expression that will give a value of:

- | | |
|--------|--------|
| (a) 20 | (b) 18 |
| (c) 25 | (d) 16 |
| (e) 28 | (f) -4 |

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