



OBJECTIVE
 • Translate verbal phrases into algebraic expressions.



ALGEBRA WAR!

| 1-8 | A | B | C | D | E | F |
|-----|---------------------------|------------------------------|--|---|--------------------------------|------------------------------------|
| 1 | Four more than w . | A number divided by seven. | Twice a certain number. | Three times a number decreased by 8. | Sixteen less than m . | Twice a number decreased by 4. |
| 2 | Nine less than t . | Product of z and 6. | Fifteen less than m . | Three years younger than Quint. | Fifty minus r . | Seven times a certain number. |
| 3 | Eleven increased by x . | The sum and y and 3. | Quotient of forty-six and y . | Twice the sum of a number and 7. | P more than twenty-nine. | Three less than a certain number. |
| 4 | The sum of 6 and z . | Five less than r . | 10 more points than Jill scored. | Three times as many dollars as Tom has. | Quotient of x and 2. | The cost decreased by \$10.00. |
| 5 | Twenty minus r . | The difference of y and 9. | Amy's salary plus a \$300.00 bonus. | Marty's age divided by four. | Twice the sum of two and y . | The quotient of ten and y . |
| 6 | x more than eighty. | Twelve plus b . | Twice as many foul's as the Celtics had. | P decreased by seven. | Eight decreased by y . | Product of a certain number and 9. |

Algebra War! Answer Sheet

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|-----|----------|-------------|-----------|------------|------------|----------|
| 1 | $w + 4$ | $n + 7$ | $2n$ | $3n - 8$ | $m - 16$ | $2n - 4$ |
| 2 | $t - 9$ | $z \cdot 6$ | $m - 15$ | $q - 3$ | $50 - k$ | $7n$ |
| 3 | $11 + x$ | $y + 3$ | $46 + y$ | $2(n + 7)$ | $p + 29$ | $n - 3$ |
| 4 | $6 + z$ | $r - 5$ | $j + 10$ | $3d$ | $x + 2$ | $c - 10$ |
| 5 | $20 - r$ | $y - 9$ | $a + 300$ | $m + 4$ | $2(2 + y)$ | $10 + y$ |
| 6 | $80 + x$ | $12 + b$ | $2f$ | $p - 7$ | $8 - y$ | $9n$ |

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