



UNDERSTANDING ALGEBRA

WORDS INTO LONGER EXPRESSIONS

Ref: G211. **3S3**

A1 Write an algebraic expression for: x times three, then add one	A2 Write an algebraic expression for: x subtract two, then divide by three	A3 Write an algebraic expression for: x divided by three, then subtract four	A4 Write an algebraic expression for: x is squared, then add two
B1 Write an algebraic expression for: two added to x , then times five	B2 Write an algebraic expression for: x divided by two, then take the result from three	B3 Write an algebraic expression for: two added to x , then square the result	B4 Write an algebraic expression for: x add four, then divide by two
C1 Write an algebraic expression for: three times x , then take the result from five	C2 Write an algebraic expression for: divide four by x , then take away three	C3 Write an algebraic expression for: subtract x from three, then divide the result by two	C4 Write an algebraic expression for: half of the square of x
D1 Write an algebraic expression for: divide three by x , then take the result from two	D2 Write an algebraic expression for: square x , then divide two by the result	D3 Write an algebraic expression for: square x , then take the result from two	D4 Write an algebraic expression for: divide x by three, then add four
E1 Write an algebraic expression for: take x from three, then double the result	E2 Write an algebraic expression for: square x , then take away two	E3 Write an algebraic expression for: two take away x , all-squared	E4 Write an algebraic expression for: twice x -squared



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<p>A1 Write an algebraic expression for: x times three, then add one</p> <p style="text-align: right;">$3x + 1$</p>	<p>A2 Write an algebraic expression for: x subtract two, then divide by three</p> <p style="text-align: right;">$\frac{x-2}{3}$</p>	<p>A3 Write an algebraic expression for: x divided by three, then subtract four</p> <p style="text-align: right;">$\frac{x}{3} - 4$</p>	<p>A4 Write an algebraic expression for: x is squared, then add two</p> <p style="text-align: right;">$x^2 + 2$</p>
<p>B1 Write an algebraic expression for: two added to x, then times five</p> <p style="text-align: right;">$5(x + 2)$</p>	<p>B2 Write an algebraic expression for: x divided by two, then take the result from three</p> <p style="text-align: right;">$3 - \frac{x}{2}$</p>	<p>B3 Write an algebraic expression for: two added to x, then square the result</p> <p style="text-align: right;">$(x + 2)^2$</p>	<p>B4 Write an algebraic expression for: x add four, then divide by two</p> <p style="text-align: right;">$\frac{x + 4}{2}$</p>
<p>C1 Write an algebraic expression for: three times x, then take the result from five</p> <p style="text-align: right;">$5 - 3x$</p>	<p>C2 Write an algebraic expression for: divide four by x, then take away three</p> <p style="text-align: right;">$\frac{4}{x} - 3$</p>	<p>C3 Write an algebraic expression for: subtract x from three, then divide the result by two</p> <p style="text-align: right;">$\frac{3-x}{2}$</p>	<p>C4 Write an algebraic expression for: half of the square of x</p> <p style="text-align: right;">$\frac{x^2}{2}$</p>
<p>D1 Write an algebraic expression for: divide three by x, then take the result from two</p> <p style="text-align: right;">$2 - \frac{3}{x}$</p>	<p>D2 Write an algebraic expression for: square x, then divide two by the result</p> <p style="text-align: right;">$\frac{2}{x^2}$</p>	<p>D3 Write an algebraic expression for: square x, then take the result from two</p> <p style="text-align: right;">$2 - x^2$</p>	<p>D4 Write an algebraic expression for: divide x by three, then add four</p> <p style="text-align: right;">$\frac{x}{3} + 4$</p>
<p>E1 Write an algebraic expression for: take x from three, then double the result</p> <p style="text-align: right;">$2(3 - x)$</p>	<p>E2 Write an algebraic expression for: square x, then take away two</p> <p style="text-align: right;">$x^2 - 2$</p>	<p>E3 Write an algebraic expression for: two take away x, all-squared</p> <p style="text-align: right;">$(2 - x)^2$</p>	<p>E4 Write an algebraic expression for: twice x -squared</p> <p style="text-align: right;">$2x^2$</p>