



UNDERSTANDING ALGEBRA

ALGEBRAIC SHORTHAND

Ref: G211. **3F2**

A1 Write the following expression in its abbreviated way: $2 \times a$	A2 Write the following expression in its abbreviated way: $a \times 3$	A3 Write the following expression in its abbreviated way: $2 \times 3 \times a$	A4 Write the following expression in its abbreviated way: $3 \times a \times 2$
B1 Write the following expression in its fully abbreviated way: $a + a$	B2 Write the following expression in its fully abbreviated way: $a + a + a$	B3 Write the following expression in its fully abbreviated way: $a + a + a + a$	B4 Write the following expression in its fully abbreviated way: $b + b + b$
C1 Write the following expression in its abbreviated way: $a \times a$	C2 Write the following expression in its abbreviated way: $a \times a \times a$	C3 Write the following expression in its abbreviated way: $2 \times a \times a$	C4 Write the following expression in its abbreviated way: $2 \times a \times 3 \times a$
D1 Write the following expression in its abbreviated way: $a \times b$	D2 Write the following expression in its abbreviated way: $b \times a$	D3 Write the following expression in its abbreviated way: $a \times b \times c$	D4 Write the following expression in its abbreviated way: $c \times a \times 2$
E1 Write the following expression in its abbreviated way: $a \div 2$	E2 Write the following expression in its abbreviated way: $2 \div a$	E3 Write the following expression in its abbreviated way: $a \div b$	E4 Write the following expression in its abbreviated way: $b \div a$



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<p>A1 Write the following expression in its abbreviated way:</p> $2 \times a$ <p style="text-align: center;"><i>2a</i></p>	<p>A2 Write the following expression in its abbreviated way:</p> $a \times 3$ <p style="text-align: center;"><i>3a</i></p>	<p>A3 Write the following expression in its abbreviated way:</p> $2 \times 3 \times a$ <p style="text-align: center;"><i>6a</i></p>	<p>A4 Write the following expression in its abbreviated way:</p> $3 \times a \times 2$ <p style="text-align: center;"><i>6a</i></p>
<p>B1 Write the following expression in its fully abbreviated way:</p> $a + a$ <p style="text-align: center;"><i>2a</i></p>	<p>B2 Write the following expression in its fully abbreviated way:</p> $a + a + a$ <p style="text-align: center;"><i>3a</i></p>	<p>B3 Write the following expression in its fully abbreviated way:</p> $a + a + a + a$ <p style="text-align: center;"><i>4a</i></p>	<p>B4 Write the following expression in its fully abbreviated way:</p> $b + b + b$ <p style="text-align: center;"><i>3b</i></p>
<p>C1 Write the following expression in its abbreviated way:</p> $a \times a$ <p style="text-align: center;"><i>a²</i></p>	<p>C2 Write the following expression in its abbreviated way:</p> $a \times a \times a$ <p style="text-align: center;"><i>a³</i></p>	<p>C3 Write the following expression in its abbreviated way:</p> $2 \times a \times a$ <p style="text-align: center;"><i>2a²</i></p>	<p>C4 Write the following expression in its abbreviated way:</p> $2 \times a \times 3 \times a$ <p style="text-align: center;"><i>6a²</i></p>
<p>D1 Write the following expression in its abbreviated way:</p> $a \times b$ <p style="text-align: center;"><i>ab</i></p>	<p>D2 Write the following expression in its abbreviated way:</p> $b \times a$ <p style="text-align: center;"><i>ab</i></p>	<p>D3 Write the following expression in its abbreviated way:</p> $a \times b \times c$ <p style="text-align: center;"><i>abc</i></p>	<p>D4 Write the following expression in its abbreviated way:</p> $c \times a \times 2$ <p style="text-align: center;"><i>2ac</i></p>
<p>E1 Write the following expression in its abbreviated way:</p> $a \div 2$ <p style="text-align: center;"><i>$\frac{a}{2}$</i></p>	<p>E2 Write the following expression in its abbreviated way:</p> $2 \div a$ <p style="text-align: center;"><i>$\frac{2}{a}$</i></p>	<p>E3 Write the following expression in its abbreviated way:</p> $a \div b$ <p style="text-align: center;"><i>$\frac{a}{b}$</i></p>	<p>E4 Write the following expression in its abbreviated way:</p> $b \div a$ <p style="text-align: center;"><i>$\frac{b}{a}$</i></p>