



UNDERSTANDING ALGEBRA

ALGEBRAIC SHORTHAND

Ref: G211. **3S2**

A1 Write the following expression in its abbreviated way: $1 \times b$	A2 Write the following expression in its fully abbreviated way: $b + b$	A3 Write the following expression in its abbreviated way: $3 \times 3 \times b$	A4 Write the following expression in its abbreviated way: $b \times 4$
B1 Write the following expression in its abbreviated way: $b \div 1$	B2 Write the following expression in its fully abbreviated way: $5 \times b$	B3 Write the following expression in its abbreviated way: $b + b + b + b$	B4 Write the following expression in its abbreviated way: $c \times b \times a$
C1 Write the following expression in its abbreviated way: $b \times a \times 4$	C2 Write the following expression in its abbreviated way: $3 \times a \times 4 \times b$	C3 Write the following expression in its abbreviated way: $b \times b$	C4 Write the following expression in its abbreviated way: $b \times b \times b$
D1 Write the following expression in its abbreviated way: $a \times a \times b$	D2 Write the following expression in its abbreviated way: $a \times b \times b$	D3 Write the following expression in its abbreviated way: $2 \times a \times a \times b \times b$	D4 Write the following expression in its abbreviated way: $2 \times a \times b \times 4 \times a$
E1 Write the following expression in its abbreviated way: $b \div 3$	E2 Write the following expression in its abbreviated way: $4 \div b$	E3 Write the following expression in its abbreviated way: $b \div c$	E4 Write the following expression in its abbreviated way: $c \div a$



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<p>A1 Write the following expression in its abbreviated way: $1 \times b$</p> <p style="text-align: center;">b</p>	<p>A2 Write the following expression in its fully abbreviated way: $b + b$</p> <p style="text-align: center;">$2b$</p>	<p>A3 Write the following expression in its abbreviated way: $3 \times 3 \times b$</p> <p style="text-align: center;">$9b$</p>	<p>A4 Write the following expression in its abbreviated way: $b \times 4$</p> <p style="text-align: center;">$4b$</p>
<p>B1 Write the following expression in its abbreviated way: $b \div 1$</p> <p style="text-align: center;">b</p>	<p>B2 Write the following expression in its fully abbreviated way: $5 \times b$</p> <p style="text-align: center;">$5b$</p>	<p>B3 Write the following expression in its abbreviated way: $b + b + b + b$</p> <p style="text-align: center;">$4b$</p>	<p>B4 Write the following expression in its abbreviated way: $c \times b \times a$</p> <p style="text-align: center;">abc</p>
<p>C1 Write the following expression in its abbreviated way: $b \times a \times 4$</p> <p style="text-align: center;">$4ab$</p>	<p>C2 Write the following expression in its abbreviated way: $3 \times a \times 4 \times b$</p> <p style="text-align: center;">$12ab$</p>	<p>C3 Write the following expression in its abbreviated way: $b \times b$</p> <p style="text-align: center;">b^2</p>	<p>C4 Write the following expression in its abbreviated way: $b \times b \times b$</p> <p style="text-align: center;">b^3</p>
<p>D1 Write the following expression in its abbreviated way: $a \times a \times b$</p> <p style="text-align: center;">a^2b</p>	<p>D2 Write the following expression in its abbreviated way: $a \times b \times b$</p> <p style="text-align: center;">ab^2</p>	<p>D3 Write the following expression in its abbreviated way: $2 \times a \times a \times b \times b$</p> <p style="text-align: center;">$2a^2b^2$</p>	<p>D4 Write the following expression in its abbreviated way: $2 \times a \times b \times 4 \times a$</p> <p style="text-align: center;">$8a^2b$</p>
<p>E1 Write the following expression in its abbreviated way: $b \div 3$</p> <p style="text-align: center;">$\frac{b}{3}$</p>	<p>E2 Write the following expression in its abbreviated way: $4 \div b$</p> <p style="text-align: center;">$\frac{4}{b}$</p>	<p>E3 Write the following expression in its abbreviated way: $b \div c$</p> <p style="text-align: center;">$\frac{b}{c}$</p>	<p>E4 Write the following expression in its abbreviated way: $c \div a$</p> <p style="text-align: center;">$\frac{c}{a}$</p>