

# Fill in the Blanks

# Algebraic Multiplication and Division

Algebraic Multiplication	Simplified Expression
$5a \times 3$	$15a$
$2b \times 7b$	$14b^2$
$\frac{1}{2}a \times 10a$	$5a^2$
$2a \times 3b$	$6ab$
$3a \times b \times 4c$	$12abc$
$6a \times 2a \times a$	$12a^3$
$\frac{1}{2}b \times 4b \times 6a$	$12ab^2$
$3b^2 \times 2b \times c^2$	$6b^3c^2$
$8a \times 2b^2 \times a$	$16a^2b^2$
$5a^2 \times \boxed{4b}$	$20a^2b$
$\boxed{2ab} \times 2a \times 4b$	$16a^2b^2$
$6b \times \boxed{6a^2b} \times \frac{1}{3}b$	$12a^2b^3$

Algebraic Division	Simplified Expression
$\frac{14a}{2a}$	$7$
$18a \div 3$	$6a$
$\frac{3a}{ab}$	$\frac{3}{b}$
$\frac{22ab}{2a}$	$11b$
$\frac{15b^2}{3b}$	$5b$
$40abc \div 8b$	$5ac$
$\frac{21a}{3a^2}$	$\frac{7}{a}$
$\frac{50a^2b^2}{2ab}$	$25ab$
$\frac{9a}{36abc}$	$\frac{1}{4bc}$
$18a^2 \div \boxed{6a}$	$3a$
$16b^2 \div \boxed{4ab}$	$\frac{4b}{a}$
$\boxed{10b^2c} \div 4ab$	$\frac{5bc}{2a}$