

# Fill in the Blanks

## Simplifying Expressions by Multiplying

Question	Write Each Term Separately as a Product	Simplify Each Variable	Answer
$2a \times 3a$	$2 \times a \times 3 \times a$	$6 \times a^2$	$6a^2$
$5a \times 2b$	$5 \times a \times 2 \times b$		
$3ab \times 4a$	$3 \times a \times b \times 4 \times a$		
$5b^2 \times b$			
$3a \times 2a \times a$			
$8b^3 \times 2b^2$			
$a^4 \times 3a^2$			
$7a \times 2a^6$			
$b^3 \times 2b^2 \times 4b^4$			
$3a^3 \times 4a^2b^2$	$3 \times a^3 \times 4 \times a^2 \times b^2$	$12 \times a^5 \times b^2$	
$2a^2b^2 \times 5ab$	$2 \times a^2 \times b^2 \times 5 \times a \times b$		
$\frac{1}{2}ab \times 6a^2b$			
$ab^2 \times 4ab \times 5b^3$			
$4a^3b^2 \times 6a^4b$			
$ab \times 2b^2c \times a^3$			
$\frac{2}{3}bc^3 \times 6a^2c^2 \times b$			