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| **Fill in the Blanks** | **Simplifying Expressions by Multiplying** |

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