

# AO12: Simplify algebraic powers

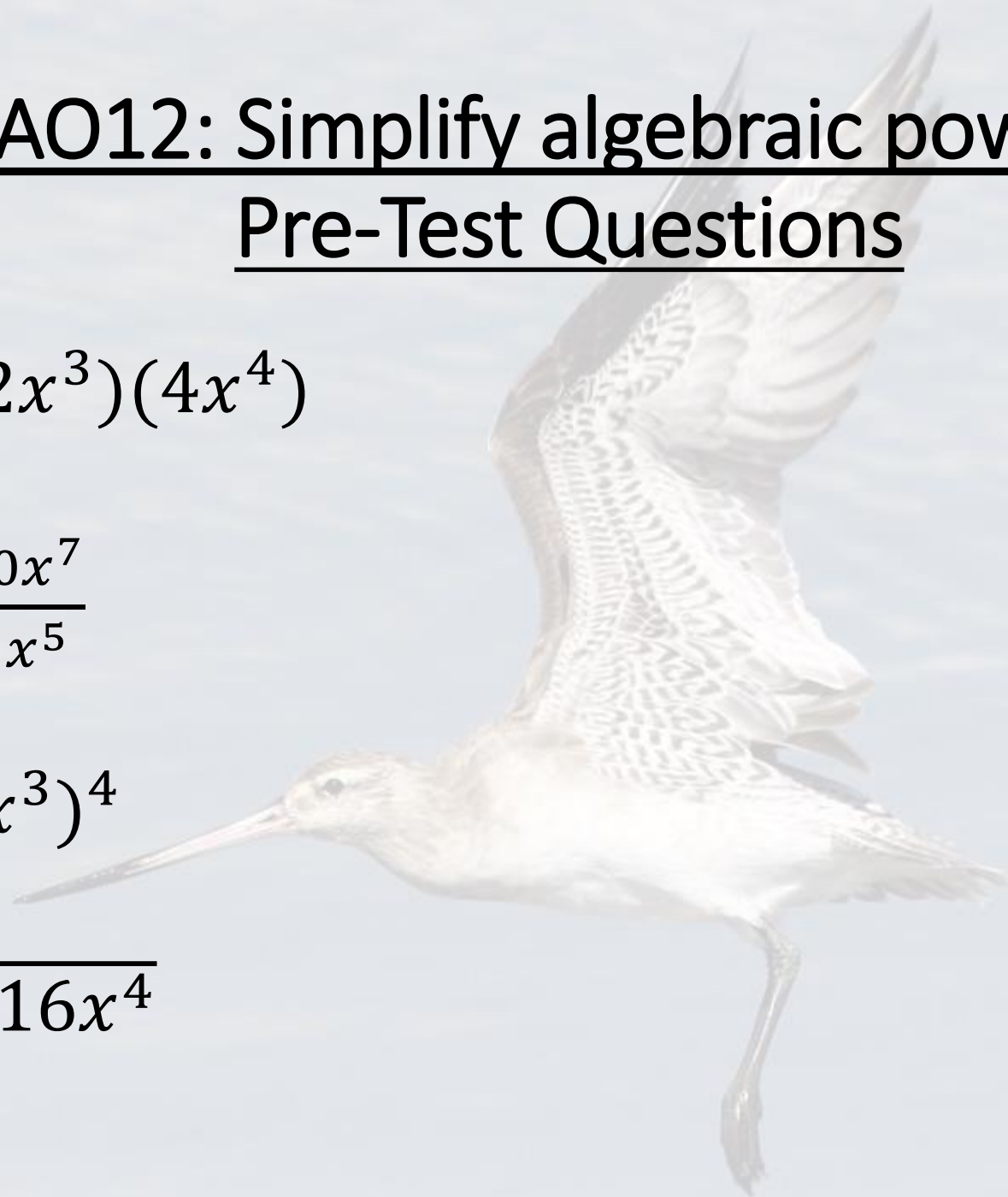
## Pre-Test Questions

1. Simplify  $(2x^3)(4x^4)$

2. Simplify  $\frac{10x^7}{2x^5}$

3. Simplify  $(x^3)^4$

4. Simplify  $\sqrt{16x^4}$



# AO12: Simplify algebraic powers

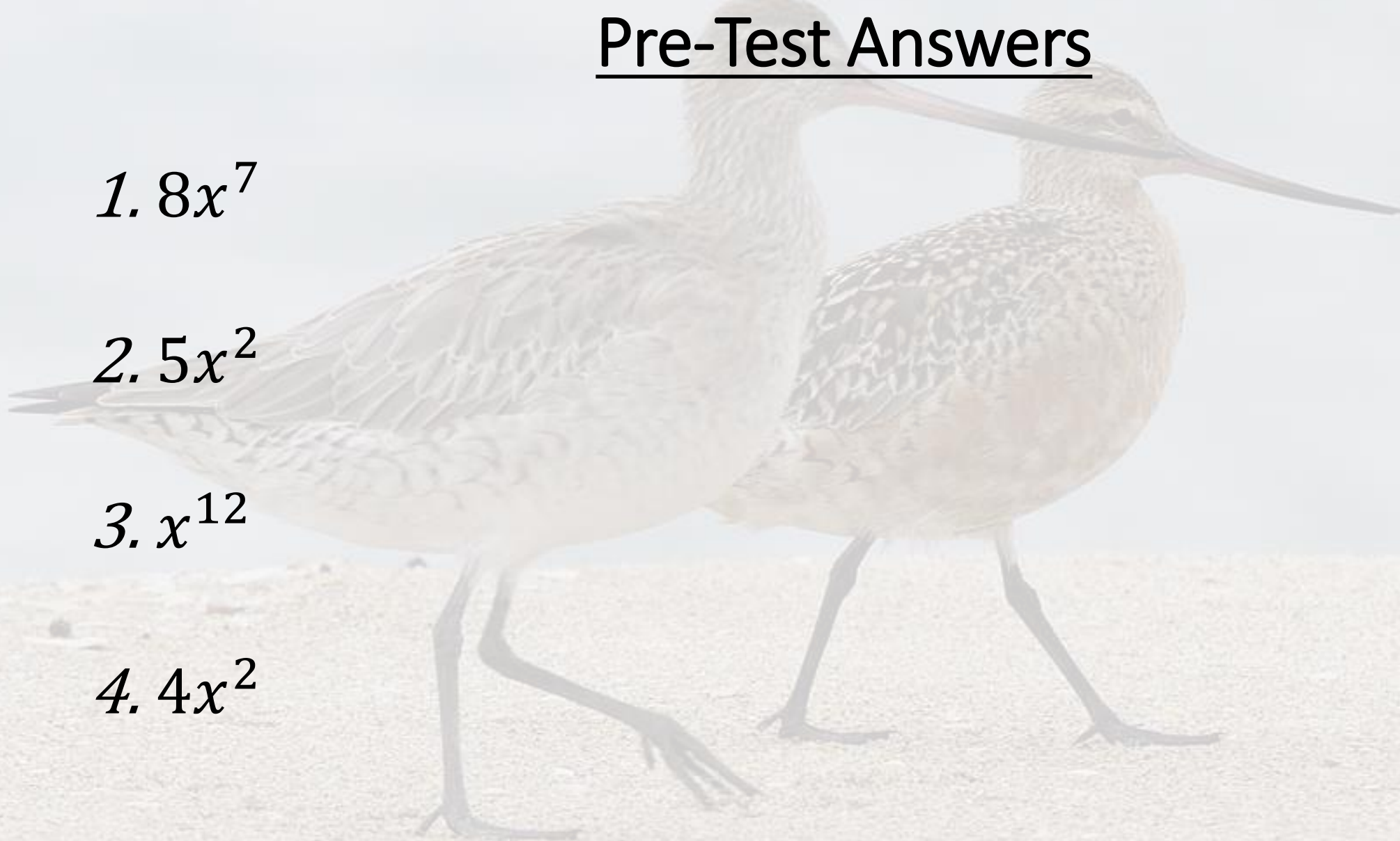
## Pre-Test Answers

1.  $8x^7$

2.  $5x^2$

3.  $x^{12}$

4.  $4x^2$



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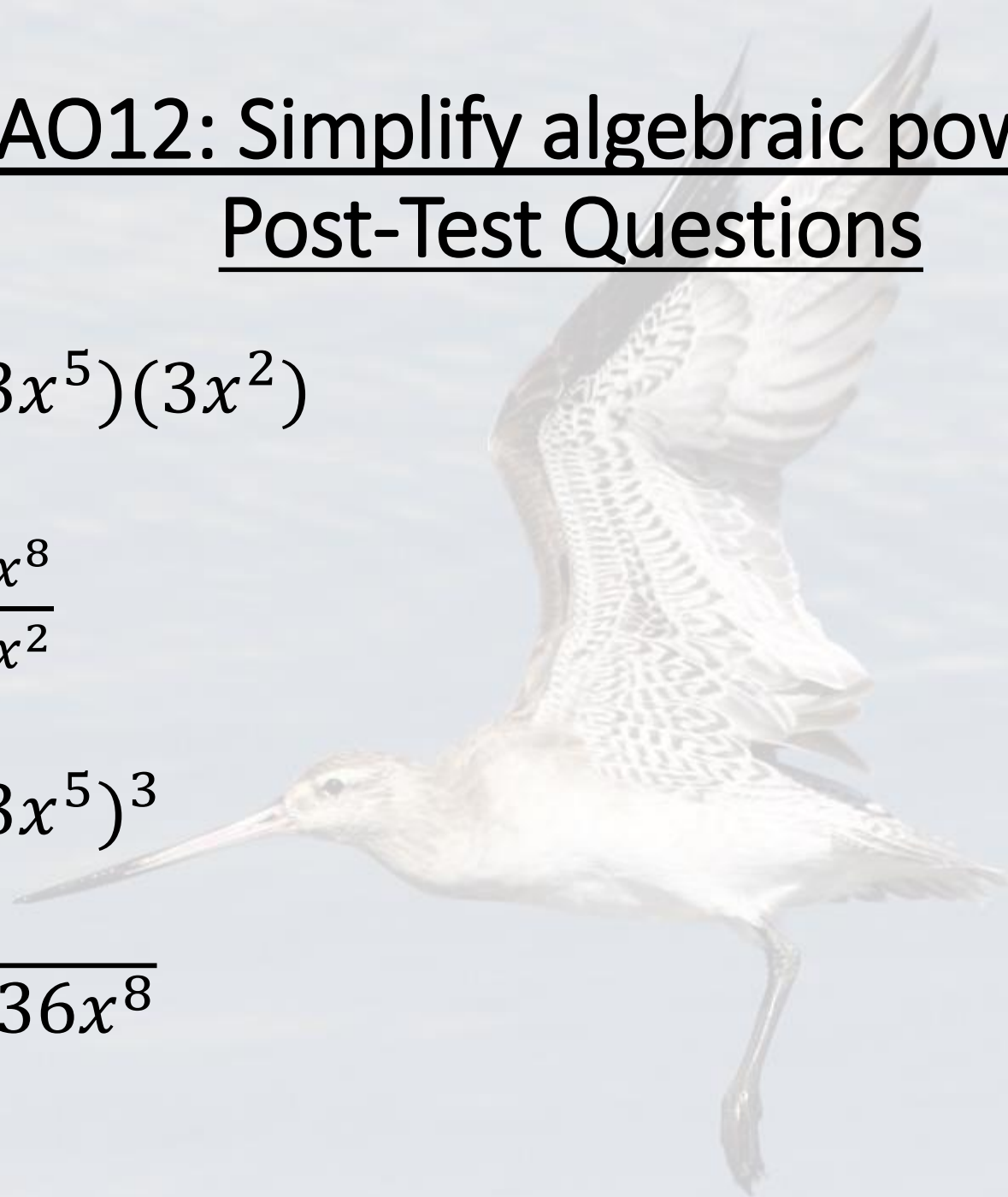
## Post-Test Questions

1. Simplify  $(3x^5)(3x^2)$

2. Simplify  $\frac{8x^8}{2x^2}$

3. Simplify  $(3x^5)^3$

4. Simplify  $\sqrt{36x^8}$



# AO12: Simplify algebraic powers

## Post-Test Answers

1.  $9x^7$

2.  $4x^6$

3.  $27x^{15}$

4.  $6x^4$

