

AO9: Factorise quadratics

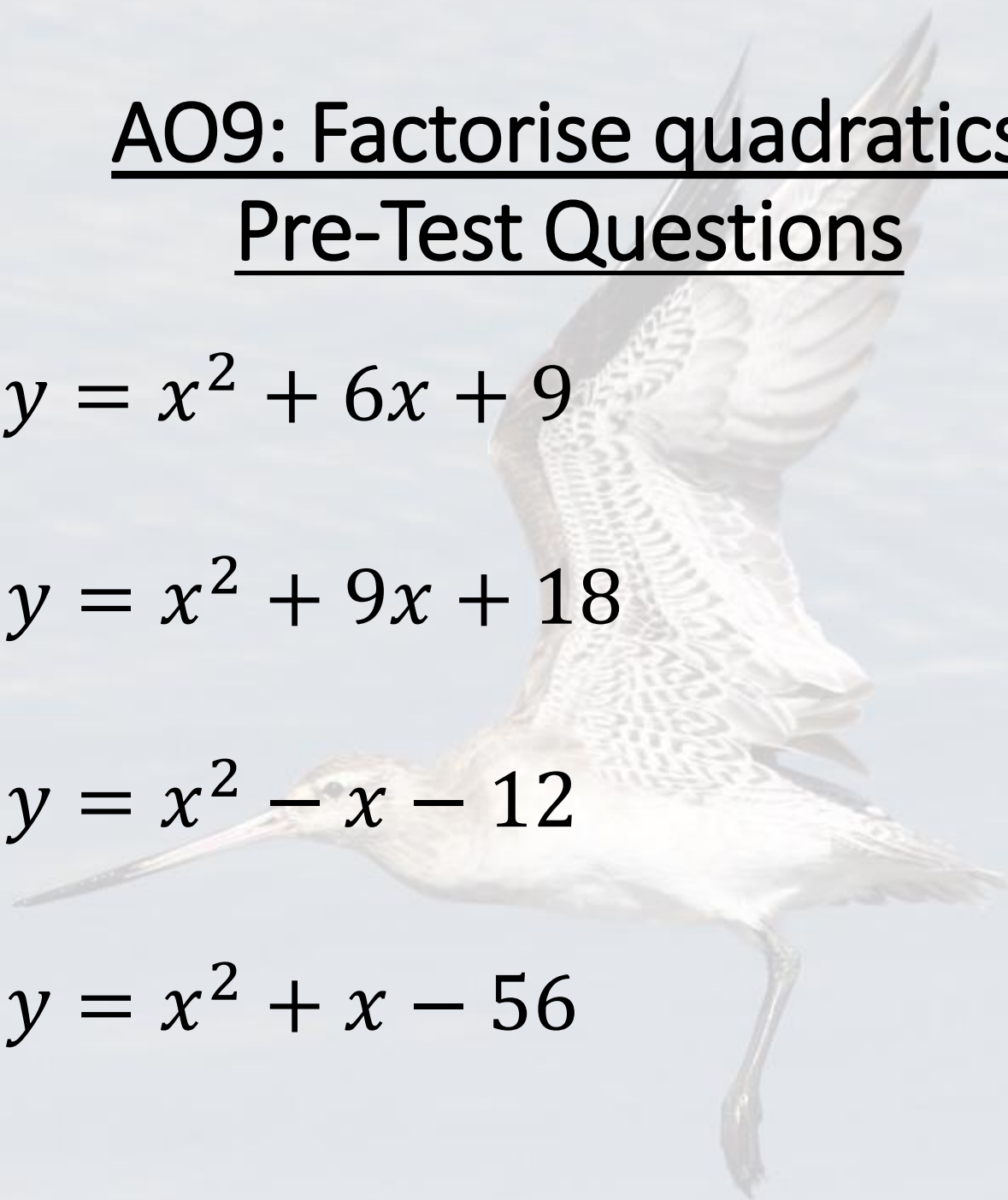
Pre-Test Questions

1. Factorise $y = x^2 + 6x + 9$

2. Factorise $y = x^2 + 9x + 18$

3. Factorise $y = x^2 - x - 12$

4. Factorise $y = x^2 + x - 56$



A09: Factorise quadratics

Pre-Test Answers

$$1. y = (x + 3)(x + 3)$$

$$2. y = (x + 3)(x + 6)$$

$$3. y = (x + 3)(x - 4)$$

$$4. y = (x - 7)(x + 8)$$

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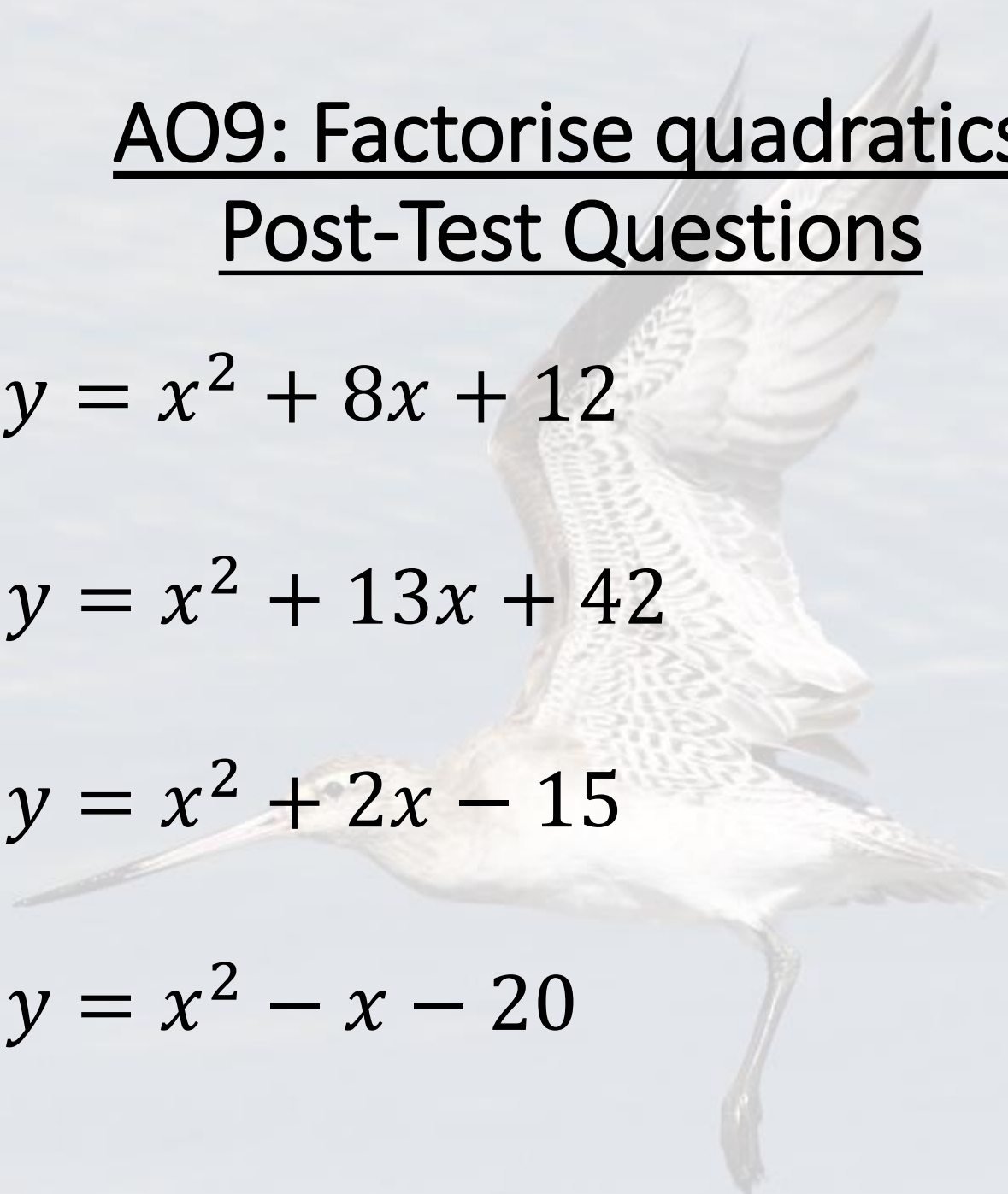
Post-Test Questions

1. Factorise $y = x^2 + 8x + 12$

2. Factorise $y = x^2 + 13x + 42$

3. Factorise $y = x^2 + 2x - 15$

4. Factorise $y = x^2 - x - 20$



A09: Factorise quadratics

Post-Test Answers

1. $y = (x + 2)(x + 6)$

2. $y = (x + 6)(x + 7)$

3. $y = (x - 3)(x + 5)$

4. $y = (x + 4)(x - 5)$