

Education Programme

Year 4 Maths Challenge



Conversion table

100cm = 1m

10mm = 1cm

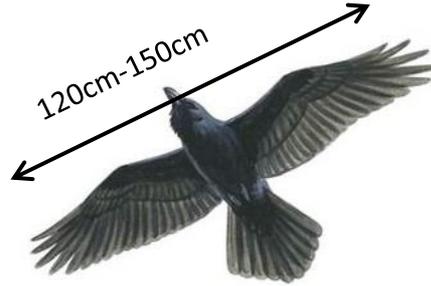
Question 1

Can you convert these wingspans?

Grey Heron 185cm = _____ m?



Raven 135cm = _____ m?



Swift 45cm = _____ mm?



Barn Owl 87.5cm = _____ mm?



Grey Partridge 46cm = _____ mm?



Starling 37cm = _____ mm?



Illustrations: Credit Mike Langman (rspb-images.com)

Thank you for helping to conserve the Isle of Man's wild birds and their habitats

Education Programme



Question 2

Circle which bird travels the longest distance.

Pink-Footed Goose

Greenland to Isle of Man
1,650 miles



Swift

Zambia to Isle of Man
5,014 miles



Lesser Black-backed Gull

Morocco to Isle of Man
1,555 miles



Question 3

Circle which bird travels the shortest distance.

Chiffchaff

The Congo to Isle of Man
4,291 miles



Fieldfare

Poland to Isle of Man
991.46 miles



Goldcrest

Sweden to Isle of Man
956 miles



Question 4

Circle which bird flies the highest.

Andean Condor
6,500m



Ruppell's Griffon Vulture
11,300m



Bar-headed Goose
8,481m



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Question 5

Circle which bird flies the highest.

Mallard
6,400m

Bar-tailed Godwit
6,000m

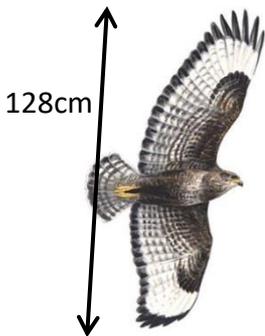
Whooper Swans
8,200m



Question 6

Circle two numbers (factors) that can be multiplied together to give these birds wingspans.

Buzzard – 128cm



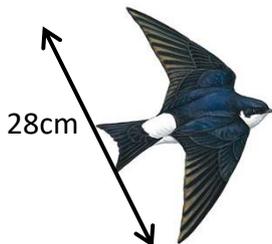
| | | |
|----|-----|----|
| 1 | 32 | 8 |
| 64 | 128 | 16 |
| 59 | 4 | 9 |
| 14 | 7 | 2 |

Woodpigeon – 80cm



| | | |
|----|----|----|
| 5 | 30 | 8 |
| 4 | 2 | 40 |
| 3 | 10 | 54 |
| 20 | 16 | 7 |

House Martin – 28cm



| | | |
|----|----|----|
| 7 | 12 | 5 |
| 19 | 3 | 4 |
| 1 | 6 | 9 |
| 13 | 2 | 14 |

Illustrations: Credit Mike Langman (rspb-images.com)

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Answers



| | | |
|-------------------|---------------------------|---------------------------------|
| Question 1 | Grey Heron | 1.85m |
| | Raven | 1.35m |
| | Swift | 450mm |
| | Barn Owl | 875mm |
| | Grey Partridge | 460mm |
| | Starling | 370mm |
| Question 2 | Swift | 5,014 miles |
| Question 3 | Goldcrest | 956 miles |
| Question 4 | Ruppell's Griffon Vulture | 11,300 metres |
| Question 5 | Whooper Swan | 8,200 metres |
| Question 6 | Buzzard | 1 x 128, 2 x 64, 4 x 32, 8 x 16 |
| | Woodpigeon | 2 x 40, 4 x 20, 8 x 10, 5 x 16 |
| | House Martin | 2 x 14, 4 x 7, |

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