Education Programme
Year 6 Maths Challenge
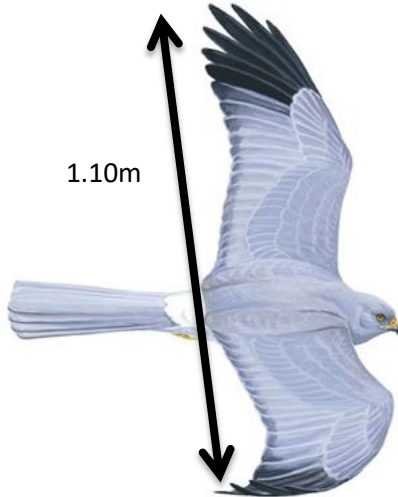
Manx BirdLife
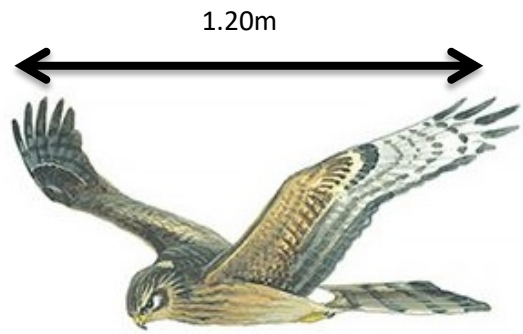Nature. For generations

Wingspan of top two predators

Question 1
Hen Harrier – Male 1.10m

1.10m

Hen Harrier – Female 1.20m

1.20m
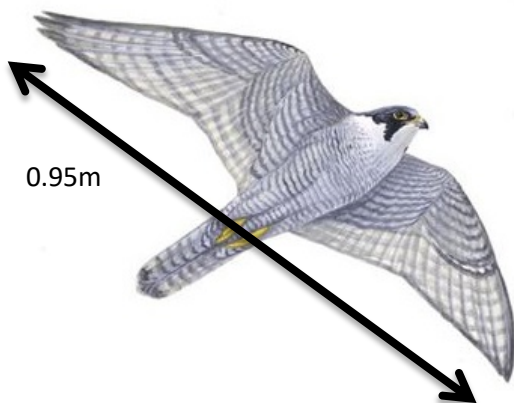
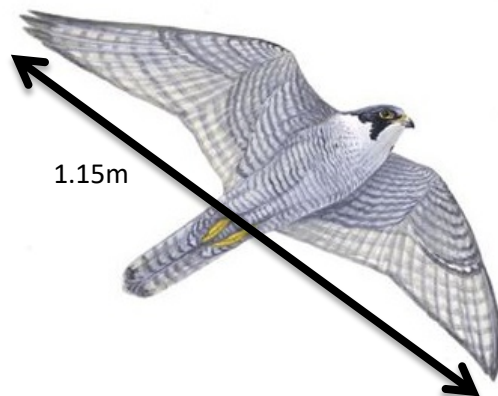Male: What is this in cm?_____   What is this in mm?_____

Female: What is this in cm?_____   What is this in mm?_____

Question 2
Peregrine Falcon – Male 0.95m

0.95m

Peregrine Falcon – Female 1.15m

1.15m

Male: What is this in cm?_____   What is this in mm?_____

Female: What is this in cm?_____   What is this in mm?_____

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

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Body length of three garden birds

Question 3
Blackbird – Male 25cm   **Blackbird** – Female 24cm

Male: What is ½ ?_____   What is ¼?_____

Female: What is ½ ?_____   What is ¼?_____

Question 4
Robin – Male and Female 14cm

What is 1/10th ?_____   What is 1/7th ?_____

Question 5
Collared Dove – Male and Female 32cm

What is 1/8th ?_____   What is 1/10th ?_____

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Diving depths of three seabirds

Question 6
Gannet – 20m

What is the depth in cm?_____   What is the depth in mm?_____

What is 1/5th the depth?_____   What is ¼ the depth?_____

Question 7
Fulmar – 3m

What is the depth in cm?_____   What is the depth in mm?_____

What is 1/3rd the depth?_____   What is ½ the depth?_____

Question 8
Guillemot – 180m

What is the depth in cm?_____   What is the depth in mm?_____

What is 2/3rd the depth?_____   What is 1/10th the depth?_____

Answers

Question 1	Male	110cm	1,100mm
	Female	120cm	1,200mm

Question 2	Male	95cm	950mm
	Female	115cm	1,150mm

Question 3	Male	12.5cm	6.25cm
	Female	12cm	6cm

Question 4	1.4cm	2cm

Question 5	4cm	3.2cm

Question 6	2,000cm	20,000mm
	4m	5m

Question 7	300cm	3,000mm
	1m	1.5m

Question 8	18,000cm	180,000mm
	120m	18m