

Education Programme

Year 6 Maths Challenge



Conversion table

1000cm = 10m

100cm = 1m

10mm = 1cm

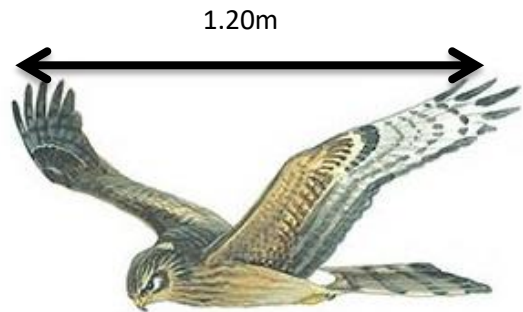
Wingspan of top two predators:

Question 1:

Hen Harrier - Male 1.10m



Hen Harrier – Female 1.20m

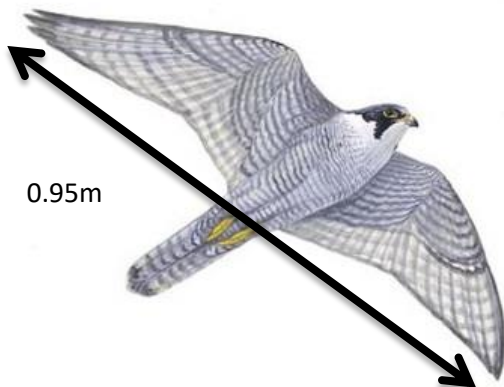


Male: What is this in cm? _____ What is this in mm? _____

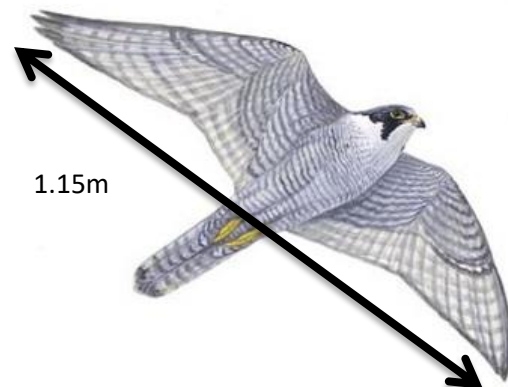
Female: What is this in cm? _____ What is this in mm? _____

Question 2:

Peregrine Falcon – Male 0.95m



Peregrine Falcon – Female 1.15m



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

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

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Body length of three garden birds:

Question 3:

Blackbird – Male 25cm

Female – 24cm



Male: What is $\frac{1}{2}$? _____ What is $\frac{1}{4}$? _____

Female: What is $\frac{1}{2}$? _____ What is $\frac{1}{4}$? _____

Question 4:

Robin – Male and Female 14cm



What is $\frac{1}{10}^{\text{th}}$? _____ What is $\frac{1}{7}^{\text{th}}$? _____

Question 5:

Collared Dove – Male and Female 32cm



What is $\frac{1}{8}^{\text{th}}$? _____ What is $\frac{1}{10}^{\text{th}}$? _____

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Diving depths of three sea birds

Question 6:

Gannet 20m



What is the depth in cm? _____

What is the depth in mm? _____

What is $\frac{1}{5}$ th the depth? _____

What is $\frac{1}{4}$ the depth? _____

Question 7:

Fulmar 3m



What is the depth in cm? _____

What is the depth in mm? _____

What is $\frac{1}{3}$ rd the depth? _____

What is $\frac{1}{2}$ the depth? _____

Question 8:

Guillemot 180m



What is the depth in cm? _____

What is the depth in mm? _____

What is $\frac{2}{3}$ rd the depth? _____

What is $\frac{1}{10}$ th the depth? _____

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Answers:

Question 1.	Male	110cm	1100mm
	Female	120cm	1200mm
Question 2.	Male	95cm	950mm
	Female	115cm	1150mm
Question 3.	Male	12.5cm	6.25cm
	Female	12cm	6cm
Question 4.	1.4cm	2cm	
Question 5.	4cm	3.2cm	
Question 6.	2000cm	20000mm	
	4m	5m	
Question 7.	300cm	3000mm	
	1m	1.5m	
Question 8.	18000cm	180000mm	
	120m	18m	