



# GCSE Maths Takeaway 46 - Pie Charts

Name: .....

Date: .....

Basking in the sun: 5 geese, 3 ducks, 2 swans and 10 pigeons.  
Which is the correct pie chart?

a:

b:

c:

d:

Correct Answer: A B C D

Explanation:

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180 people were asked what their favourite TV show was. Here are the angles from the pie chart that was made.

TV show	Angle
Corrie	90°
iCarly	180°
The Voice	60°
House	30°

How many people liked House the best?

A)  B)

C)  D)

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Correct Answer: A B C D

Explanation:

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13 of a class of 30 pupils had blue eyes. How big a slice would this be on a pie chart?

50:50

15	£1 Million
14	£500,000
13	£250,000
12	£125,000
11	£64,000
10	£32,000
9	£16,000
8	£8,000
7	£4,000
6	£2,000
5	£1,000
4	£500
3	£300
2	£200
1	£100

A: 192 degrees B: 88 degrees

C: 130 degrees D: 156 degrees

Correct Answer: A B C D

Explanation:

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60 students were asked to choose their favourite sport. These are the results:

Football	15
Cricket	12
Swimming	12
Basketball	11
Athletics	10

The data is to be illustrated in a pie chart.  
What angle should be used for *Football*?

(A) 15°  
(B) 60°  
(C) 90°  
(D) 180°

Correct Answer: A B C D

Explanation:

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Find the mistake

Favourite Food	Frequency	Angle
Chinese	10	100
Pizza	15	160
Pasta	11	110
Total	36	370

A) "Pizza" has been multiplied incorrectly

B) All of the groups have been multiplied by the wrong number

C) "Chinese" has been multiplied incorrectly

D) "Pasta" has been multiplied incorrectly

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Correct Answer: A B C D

Explanation:

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