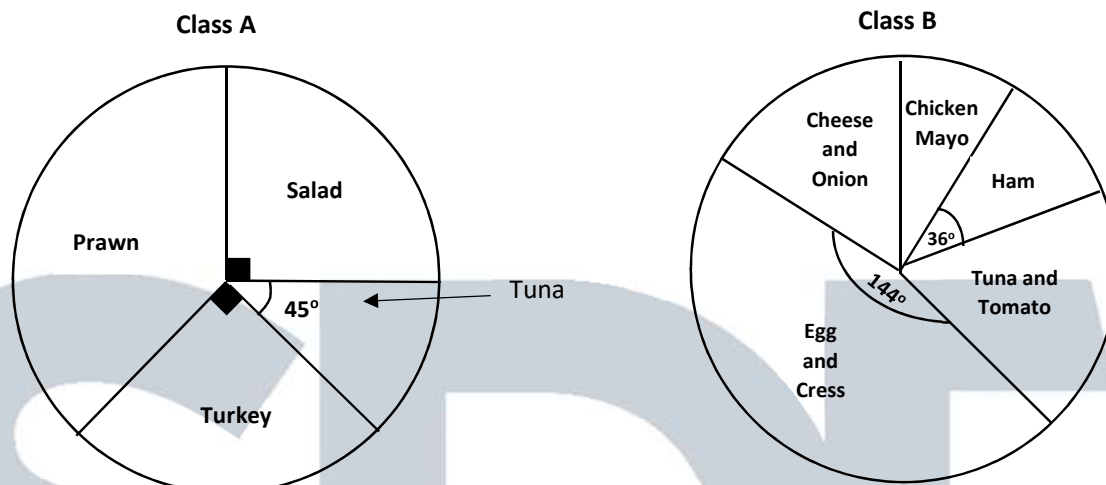


Long Maths 1

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Classes A and B at Witherington Academy are going on a school trip and have been asked to choose which sandwiches they would like for lunch. The two pie charts below show the type of sandwiches they choose.



Here are some facts about each class:

- Class A has 32 pupils. In Class A the same number of pupils chose 'Turkey' sandwiches as 'Salad'.
- Class B has 30 pupils. 'Chicken Mayo' and 'Ham' sandwiches were chosen by equal numbers of pupils. 'Tuna and Tomato' sandwiches were as popular as 'Cheese and Onion' sandwiches.

Now answer the following questions giving as your answer the letter which corresponds to the correct answer. Record your answers on the separate Answer Sheet below.

1. In Class A how many pupils chose 'Prawn' sandwiches?

A	B	C	D	E
4	8	12	16	24

2. How many more children bought 'Prawn' sandwiches in Class A than 'Ham' sandwiches in Class B?

A	B	C	D	E
5	6	7	8	9

3. In Class B, what was the combined total of pupils choosing 'Cheese and Onion' and 'Chicken and Mayo' sandwiches?

A	B	C	D	E
3	6	9	12	15

4. What angle would be shown on a pie chart if 'Tuna and Tomato', 'Salad' and 'Ham' categories from the two pie charts were all added together?

A	B	C	D	E
198°	166°	126°	180°	160°

ANSWER SHEET

(1) _____

(2) _____

(3) _____

(4) _____

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ANSWERS

(1) C

(2) E

(3) C

(4) A

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