Class 5 – Raby – Homework – 16th October 2023 Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Table

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**Teeth**

(a)     Sue wants to find out how four different drinks affect teeth.

Egg shell and teeth are made of the same type of material.  
Sue puts the same amount of egg shell in four beakers.  
She puts a **different** drink into each beaker.

Show how much drink Sue must put in each beaker for her test to be fair. Draw a line on beakers B, C and D.

Beaker A has been done for you.



Diagram, schematic

Description automatically generated

1 mark

(b)     After six days, Sue looks in the beakers.  
Beaker C has the least amount of egg shell left in it.

Tick **ONE** box to show which drink is most likely to be in beaker C.



|  |  |  |  |
| --- | --- | --- | --- |
| lemonade |  | milk |  |
| tea |  | water |  |

1 mark

(c)     Sue decides to drink less of the drink in beaker C to help stop tooth decay.

Give **TWO other** ways Sue can help stop tooth decay.

  (i)      .............................................................................................................

1 mark

(ii)     .............................................................................................................

1 mark

(d)     The shape of animals’ teeth can be different because they eat different things.

A picture containing text, primate, mammal

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Lion skull – reproduced by kind permission of Ipswich Borough Council Museums  
and Galleries. Cow skull – reproduced by kind permission of D. Roberts.

A lion has long, sharp canine teeth for eating meat.

(i)      How do canine teeth help the lion to eat meat?

  ...............................................................................................................

1 mark

A cow has large, flat molar teeth for eating grass.

(ii)     How do molar teeth help the cow to eat grass?

  ...............................................................................................................

1 mark