Summative assessment – Questions

## Using databases

Q1. Computer databases allow us to organise, \_\_\_\_\_\_\_\_\_\_, and sort data.

1. measure
2. search
3. field

Q2. Which of these are examples of database **fields**? (tick all that apply)



1. 1st
2. Age
3. Mr
4. Class

Q3. How many **records** can you see in this database?



1. 6
2. 30
3. 5
4. 15

Q4. Here is the table view of a database. We want to answer the question: ‘How long is the longest dinosaur?’ Which **field** would you use to answer it?



1. Name
2. Diet
3. Length
4. 12

Q5. Which field has this data been sorted by?



1. Surname
2. Class
3. Boarded
4. Age

Q6. What would you search for to answer this question: ‘How many males under ten years old were on board the Titanic?’

1. Name and age
2. Gender and class
3. Gender or age
4. Gender and age

Q7. The Titanic picked up passengers from:

* Southampton
* Cherbourg
* Queenstown
* Belfast

What would you search for to answer this question: ‘Altogether, how many people boarded at the highlighted places?’

1. Age = 10 and Boarded = Belfast
2. Boarded = Belfast or Boarded = Queenstown
3. Boarded = Queenstown or Age = 10
4. Boarded = Queenstown and Boarded = Belfast

Q8. Which two fields have been used to create this graph?



1. Population and country name
2. Country name and area
3. Area and currency
4. Currency and population

Q9. Here are two views which you can see when using a database: ‘table view’ and ‘chart view’. If I wanted to know which two of the countries listed had the largest population, which view would be the most useful? \_\_

|  |
| --- |
| A. |
| B. |

Q10. This is a website for a shop called Thames Online. This website uses a database to store the information it needs. Circle three fields that you can see in this image.



Resources are updated regularly — the latest version is available at: [ncce.io/tcc](http://ncce.io/tcc).

This resource is licensed under the Open Government Licence, version 3. For more information on this licence, see [ncce.io/ogl](https://ncce.io/ogl).

Screenshots of databases are all from <https://www.j2e.com/data/examples>

Images for Thames online:

<https://pixabay.com/photos/blank-tshirt-male-fashion-top-1886008/>

<https://pixabay.com/vectors/magnifying-glass-search-search-bar-1976105/>

<https://pixabay.com/vectors/star-heart-vector-icon-glossy-2717442/>