

Name: _____

Exam Style Questions

Types of Data



Corbettmaths

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser

You may use tracing paper if needed

Guidance

1. Read each question carefully before you begin answering it.
2. Don't spend too long on one question.
3. Attempt every question.
4. Check your answers seem right.
5. Always show your workings

Revision for this topic

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Video 342

Video 343



1. A car salesman records information about the cars he is selling.



Here is a list of words.

Qualitative Continuous Discrete

Use a word from the list to complete each sentence.

- (a) The number of doors is **Discrete** data.
Continuous but can be given as discrete data sometimes (1)
- (b) The age of each car is data. (1)
- (c) The colour of the car is **Qualitative** data. (1)
-

2. A shop owner records information about his customers.

Put a cross in the box to indicate whether each of the following is qualitative or quantitative data.

- (a) The distance travelled to get to the shop
Qualitative Quantitative (1)
- (b) The method of transport
Qualitative Quantitative (1)
- (c) The average amount of money spent
Qualitative Quantitative (1)

3. A car repair garage records information about the cars it repairs.

Put a cross in the box to indicate whether each of the following is discrete or continuous data.

(a) The length

Discrete

Continuous

(1)

(b) The time taken to repair each car

Discrete

Continuous

(1)

(c) The number of seats

Discrete

Continuous

(1)

(d) The number of gears

Discrete

Continuous

(1)

(e) The number of miles per gallon

Discrete

Continuous

(1)

4. There are 40 sheep on a farm.

Use the best word from the list to complete each sentence below.

Qualitative

Discrete

Continuous

(a) The colours of the sheep are data

Qualitative

(1)

(b) The weights of the sheep are data

Continuous

(1)

5. Is eye colour discrete or continuous data?
Tick a box.

Discrete Continuous

Give a reason for your answer.

eye colour can only take certain
values, therefore is discrete

(1)

-
6. Is height discrete or continuous data?
Tick a box.

Discrete Continuous

Give a reason for your answer.

height can take any value on a
scale, therefore is continuous

(1)

-
7. Is time taken to complete a marathon discrete or continuous data?
Tick a box.

Discrete Continuous

Give a reason for your answer.

time can take any value on a scale,
therefore is continuous

(1)

8. Is currency discrete or continuous data?
Tick a box.

Discrete



Continuous



Give a reason for your answer.

Currency can only take certain
values, therefore is discrete

(1)

9.



Robert says he is 13 years old.
Alan says Robert's response is continuous data.
Hannah says Robert's response is discrete data.

Who do you agree with?
Explain your answer.

It is most likely that Hannah is correct and
that he is giving his actual age (years,
months, days, hours, seconds etc) as a
discrete response.

(1)