

Name:

Exam Style Questions

## Types of Data



Equipment needed: Pen

### Guidance

1. Read each question carefully before you begin answering it.
2. Check your answers seem right.
3. Always show your workings

Video Tutorial

[www.corbettmaths.com/contents](http://www.corbettmaths.com/contents)

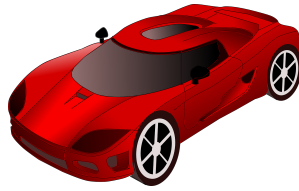
Videos 342, 343



Answers and Video Solutions



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 ..... data. (1)
  - (b) The length of each car is ..... data. (1)
  - (c) The colour of the car is ..... 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)

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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 is ..... data

(1)

(b) The weights of the sheep is ..... data

(1)

5. Is favourite colour qualitative or quantitative data?  
Tick a box.



Qualitative

Quantitative

Give a reason for your answer.

.....  
.....

(1)

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



Discrete

Continuous

Give a reason for your answer.

.....  
.....

(1)

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



Discrete

Continuous

Give a reason for your answer.

.....  
.....

(1)

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



Discrete

Continuous

Give a reason for your answer.

.....  
.....

(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.

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

(1)