Bivariate data and scatter plots

Name: _____ Date: _____

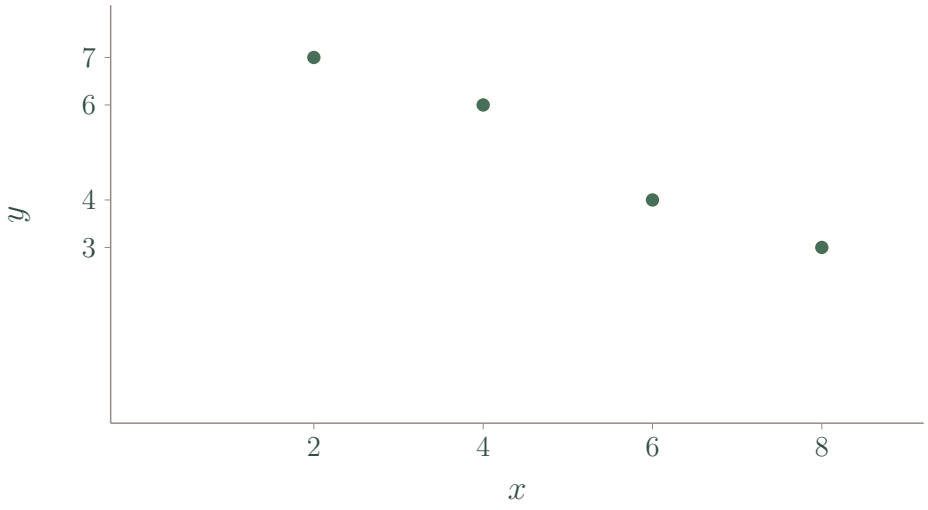
6 questions | 18 marks

1. For the supplied practice-hours table, write all five ordered pairs. [3 marks]

Paired measurements

Practice hours	Quiz score
1	3
2	4
3	4
4	6
5	8

2. The supplied scatter plot represents $(2,7),(4,6),(6,4),(8,3)$. Check the point for $x=6$ and state the overall direction. [3 marks]



3. Five measurements are $(1,4),(1,4),(2,5),(3,7),(4,8)$. Why may only four dots be visible? [3 marks]

4. You want to study whether bicycle mass is related to stopping distance. Name two numerical measurements to collect for each bicycle and state units. [3 marks]

5. For a survey of favourite colour and height, is an ordinary numerical scatter plot suitable? Explain. [3 marks]

6. A graph has axes called x and y but no units. Give two improvements before presenting it to readers. [3 marks]