Practice worksheet | Statistics

Misleading graphs and representations

Name: _____ Date: _____

6 questions | 13 marks

1. Attendance rises from 120 to 132. Find the numerical and percentage increases. [3 marks]

2. A poll reports 80% agreement without giving a sample size. Name two missing details that matter. [2 marks]

3. A has 8 late appointments out of 100; B has 12 out of 200. Compare late rates. [2 marks]

4. A graph places years 2010, 2011 and 2020 equally far apart. Explain the issue. [2 marks]

5. An icon doubles in both height and width. By what factor does its area change, and why can this mislead? [2 marks]

6. Ice-cream sales and swimming incidents both rise in hot weather. Does this prove ice cream causes incidents? [2 marks]