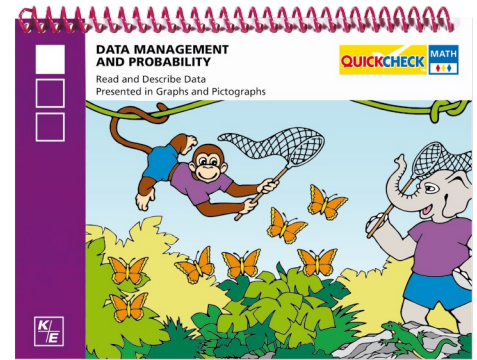


1 Grade 1

Data Management and Probability



READ AND DESCRIBE DATA PRESENTED IN GRAPHS AND PICTOGRAPHS

Student Activities

Data can be organized into categories by sorting objects using one attribute

- Match each group of objects to its sorting colour..... 1
- Match each colour to its group of objects..... 2
- Match each group of objects to its sorting shape..... 3
- Match each shape to its corresponding set of objects..... 4

The same group of objects can be sorted in different ways

- Sort each group of objects by colour..... 5
- Sort each group of objects by shape..... 6
- Connect each picture to its representation by colour 7
- Connect each numeral to its set of shapes sorted by number of straight sides..... 8
- Relate each set to its representation on a sorting mat 9
- Relate each tower to its decomposition by colour 10
- Compare each tower to the pictograph of its decomposition by colour 11

Data can be organized and represented in pictographs and graphs

- Relate each composition to its pictograph representation 12
- Relate each composition to its representation on a graph 13
- Compare each pictograph to its corresponding graph..... 14
- Relate each group of insects to its pictograph representation 15
- Relate each group of insects to its representation on a graph 16
- Connect each picture to its pictograph 17

Read and interpret data in pictographs and graphs

- Connect each double five frame representation to its group of objects..... 18
- Compare each graph to its representation using numerals 19
- Using colour, compare each pictograph to its representation using numerals 20
- Connect each pictograph to its group of sea creatures..... 21
- Connect each graph to its group of sea creatures 22
- Using colour, compare each graph to its group of objects..... 23
- Compare each graph to the representation of the difference shown 24

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- **How to Use QUICKCHECK Math and Tips for Success** 25

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- **Mathematical Process Expectations: Representing, Reasoning and Proving, Connecting** 26