

Math 2-5: Measurement and Data: Represent and Interpret Data

Data Analysis

Students	Learning Continuum Statements:
Students:	RIT 141-150: <ul style="list-style-type: none">• Compares categories in bar graphs with single-unit scales to determine which is greater than or greatest• Compares categories in pictographs with single-unit scales to determine which is greater than or greatest
Students:	RIT 151-160: <ul style="list-style-type: none">• Compares categories in bar graphs with multi-unit scales to determine which is greater than or greatest• Compares categories in bar graphs with single-unit scales to determine which is greater than or greatest• Compares categories in pictographs with multi-unit scales to determine which is greater than or greatest• Compares categories in pictographs with single-unit scales to determine which is greater than or greatest• Compares categories in tables or charts to determine which is greater than or greatest• Reads bar graphs with single-unit scales to determine how many in a category
Students:	RIT 161-170: <ul style="list-style-type: none">• Adds and subtracts to answer questions about pictographs with single-unit scales• Compares categories in bar graphs with multi-unit scales to determine which is greater than or greatest• Compares categories in bar graphs with single-unit scales to determine which is greater than or greatest• Compares categories in bar graphs with single-unit scales to determine which is less than or least• Compares categories in pictographs with multi-unit scales to determine which is greater than or greatest• Compares categories in pictographs with single-unit scales to determine which is greater than or greatest• Compares categories in pictographs with single-unit scales to determine which is less than or least• Compares categories in tables or charts to determine which is greater than or greatest• Compares categories in tables or charts to determine which is less than or least• Compares multiple categories in pictographs with single-unit scales to answer questions• Reads bar graphs with single-unit scales to determine how many in a category• Reads pictographs with single-unit scales to determine how many in a category• Reads tables or charts to determine how many in a category
Students:	RIT 171-180: <ul style="list-style-type: none">• Adds and subtracts to answer questions about bar graphs with single-unit scales• Adds and subtracts to answer questions about pictographs with single-unit scales• Compares categories in bar graphs with multi-unit scales to determine which is greater than or greatest• Compares categories in bar graphs with multi-unit scales to determine which is less than or least• Compares categories in bar graphs with single-unit scales to determine which is greater than or greatest• Compares categories in bar graphs with single-unit scales to determine which is less than or least

- Compares categories in pictographs with multi-unit scales to determine which is greater than or greatest
- Compares categories in pictographs with single-unit scales to determine which is less than or least
- Compares categories in tables or charts to determine which is greater than or greatest
- Compares categories in tables or charts to determine which is less than or least
- Compares multiple categories in bar graphs with multi-unit scales to answer questions
- Compares multiple categories in bar graphs with single-unit scales to answer questions
- Compares multiple categories in pictographs with multi-unit scales to answer questions
- Compares multiple categories in pictographs with single-unit scales to answer questions
- Reads bar graphs with multi-unit scales to determine how many in a category
- Reads bar graphs with single-unit scales to determine how many in a category
- Reads line plots with whole-number scales to determine how many in a category
- Reads tables or charts to determine how many in a category

Students:

RIT 181-190:

- Adds and subtracts to answer questions about bar graphs with multi-unit scales
- Adds and subtracts to answer questions about bar graphs with single-unit scales
- Adds and subtracts to answer questions about pictographs with single-unit scales
- Compares categories in bar graphs with multi-unit scales to determine which is greater than or greatest
- Compares categories in bar graphs with multi-unit scales to determine which is less than or least
- Compares categories in bar graphs with single-unit scales to determine which is less than or least
- Compares categories in pictographs with single-unit scales to determine which is less than or least
- Compares categories in tables or charts to determine which is less than or least
- Compares multiple categories in bar graphs with multi-unit scales to answer questions
- Compares multiple categories in bar graphs with single-unit scales to answer questions
- Compares multiple categories in pictographs with single-unit scales to answer questions
- Counts sets of objects by category
- Reads bar graphs with multi-unit scales to determine how many in a category
- Reads bar graphs with single-unit scales to determine how many in a category
- Reads line plots with whole-number scales to determine how many in a category
- Reads pictographs with multi-unit scales to determine how many in a category
- Reads tables or charts to determine how many in a category

Students:

RIT 191-200:

- Adds and subtracts to answer questions about bar graphs with multi-unit scales
- Adds and subtracts to answer questions about bar graphs with single-unit scales
- Adds and subtracts to answer questions about pictographs with multi-unit scales
- Compares categories in bar graphs with multi-unit scales to determine which is less than or least
- Compares categories in pictographs with single-unit scales to determine which is less than or least
- Compares multiple categories in bar graphs with multi-unit scales to answer questions
- Compares multiple categories in bar graphs with single-unit scales to answer questions
- Reads bar graphs with multi-unit scales to determine how many in a category
- Reads line plots with whole-number scales to determine how many in a category
- Reads pictographs with multi-unit scales to determine how many in a category
- Reads tables or charts to determine how many in a category

Students:**RIT 201-210:**

- Adds and subtracts to answer questions about bar graphs with multi-unit scales
- Adds and subtracts to answer questions about bar graphs with single-unit scales
- Adds and subtracts to answer questions about pictographs with multi-unit scales
- Compares multiple categories in bar graphs with single-unit scales to answer questions
- Reads pictographs with multi-unit scales to determine how many in a category

Students:**RIT 211-220:**

- Adds and subtracts to answer questions about bar graphs with multi-unit scales
- Adds and subtracts to answer questions about pictographs with multi-unit scales
- Solves multi-step problems using data from bar graphs with multi-unit scales

Students:**RIT 221-230:**

- Reads and interprets data from a histogram
- Solves word problems using data from line or dot plots with fractional scales

Students:**RIT 231-240:**

- Solves word problems using data from line or dot plots with fractional scales

Students:**RIT 241-250:**

- Solves word problems using data from line or dot plots with fractional scales