



Quantile Report

Pearson

DATE: Friday, September 18, 2009

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CODES:

- EM** Emerging Mathematician
 - NMQ** Not Measurable in Quantiles
 - HMC** Higher Mathematical Concept
- Sheila,

Attached is the report for the CMP Grade 7 text you submitted for Quantile Calibrations. I have included the contact information for our group here. If you have any questions regarding the meaning of the measures please contact me. Any questions pertaining to the agreement or future work requests can go to Kanista. Patricia will handle the invoicing.

Thanks and talk to you soon,
Bridgett

Quantile Textbook Report



Connected Mathematics 2: Variables and Patterns

Publisher Pearson

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ISBN 0133661194

ISBN13

Author Lappan, Fey, Fitzgerald, Friel, Phillips

StateEdition

Grade 7

1 Variables, Tables, and Coordinate Graphs

1.1	Preparing for a Bicycle Tour	830Q
1.2	Making Graphs	370Q
1.3	Day 1: Atlantic City to Lewes	780Q
1.4	Day 2: Lewes to Chincoteague Island	950Q
1.5	Day 3: Chincoteague Island to Norfolk	810Q

2 Analyzing Graphs and Tables

2.1	Renting Bicycles	810Q
2.2	Finding Customers	810Q
2.3	What's the Story?	780Q

3 Rules and Equations

3.1	Writing Equations	810Q
3.2	Writing More Equations	930Q
3.3	Paying Bills and Counting Profits	1000Q

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4 Calculator Tables and Graphs

4.1 Making and Using Calculator Tables	NMQ
4.2 Making and Using Calculator Graphs	930Q
4.3 Extending the Tour	810Q

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Connected Mathematics 2: Stretching and Shrinking

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Grade 7

1 Enlarging and Reducing Shapes

1.1 Solving a Mystery	NMQ
1.2 Stretching a Figure	990Q
1.3 Scaling Up and Down	950Q

2 Similar Figures

2.1 Drawing Wumps	1120Q
2.2 Hats Off to the Wumps	990Q
2.3 Mouthing Off and Nosing Around	920Q

3 Similar Polygons

3.1 Rep-Tile Quadrilaterals	1000Q
3.2 Rep-Tile Triangles	1000Q
3.3 Scale Factors and Similar Shapes	1000Q

4 Similarity and Ratios

4.1 Ratios Within Similar Parallelograms	990Q
4.2 Ratios Within Similar Triangles	950Q
4.3 Finding Missing Parts	950Q

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5 Using Similar Triangles and Rectangles

5.1 Using Shadows to Find Heights	950Q
5.2 Using Mirrors to Find Heights	950Q
5.3 On the Ground...but Still Out of Reach	950Q

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Grade 7

1 Making Comparisons

1.1 Ads That Sell	860Q
1.2 Targeting an Audience	810Q
1.3 American Records	860Q

2 Comparing Ratios, Percents, and Fractions

2.1 Mixing Juice	530Q
2.2 Sharing Pizza	530Q
2.3 Finding Equivalent Ratios	530Q

3 Comparing and Scaling Rates

3.1 Technology on Sale	830Q
3.2 Time, Rate, and Distance	830Q
3.3 Comparing CD Prices	830Q
3.4 What Does Dividing Tell You?	830Q

4 Making Sense of Proportions

4.1 Setting Up and Solving Proportions	720Q
4.2 Everyday Use of Proportions	720Q
4.3 Developing Strategies for Solving Proportions	720Q

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Connected Mathematics 2: Accentuate the Negative

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Grade 7

1 Extending the Number System

1.1	Playing Math Fever	800Q
1.2	From Sauna to Snowbank	790Q
1.3	What's the Change?	800Q
1.4	In the Chips	800Q

2 Adding and Subtracting Integers

2.1	Introducing Addition of Integers	800Q
2.2	Introducing Subtraction of Integers	800Q
2.3	The "+/-" Connection	800Q
2.4	Fact Families	800Q
2.5	Coordinate Graphing	850Q

3 Multiplying and Dividing Integers

3.1	Introducing Multiplication of Integers	810Q
3.2	Multiplication Patterns	810Q
3.3	Introducing Division of Integers	810Q
3.4	Playing the Integer Product Game	810Q

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4 Properties of Operations

4.1	Order of Operations	890Q
4.2	Distributing Operations	560Q
4.3	The Distributive Property and Subtraction	810Q

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Connected Mathematics 2: Moving Straight Ahead

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Grade 7

1 Walking Rates

1.1	Walking Marathons	830Q
1.2	Walking Rates and Linear Relationships	1050Q
1.3	Raising Money	1050Q
1.4	Using the Walkathon Money	930Q

2 Exploring Linear Functions With Graphs and Tables

2.1	Walking to Win	930Q
2.2	Crossing the Line	930Q
2.3	Comparing Costs	1150Q
2.4	Connecting Tables, Graphs, and Equations	930Q

3 Solving Equations

3.1	Solving Equations Using Tables and Graphs	840Q
3.2	Exploring Equality	690Q
3.3	From Pouches to Variables	690Q
3.4	Solving Linear Equations	950Q
3.5	Finding the Point of Intersection	930Q

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4 Exploring Slope

4.1 Climbing Stairs	1140Q
4.2 Finding the Slope of a Line	1140Q
4.3 Exploring Patterns With Lines	1150Q
4.4 Pulling It All Together	1140Q

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Connected Mathematics 2: Filling and Wrapping

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StateEdition

Grade 7

1 Building Boxes

1.1 Making Cubic Boxes	1040Q
1.2 Making Rectangular Boxes	1040Q
1.3 Testing Nets	1040Q
1.4 Flattening a Box	1040Q

2 Designing Rectangular Boxes

2.1 Packaging Blocks	1040Q
2.2 Saving Trees	1040Q
2.3 Filling Rectangular Boxes	1040Q

3 Prisms and Cylinders

3.1 Filling Fancy Boxes	1040Q
3.2 Filling Cylinders	1070Q
3.3 Making Cylinders and Prisms from Nets	1040Q
3.4 Making a New Juice Container	1040Q

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4 Cones, Spheres, and Pyramids

4.1	Comparing Spheres and Cylinders	1220Q
4.2	Cones and Cylinders, Pyramids and Cubes	1060Q
4.3	Melting Ice Cream	1220Q

5 Scaling Boxes

5.1	Building a Bigger Box	1000Q
5.2	Scaling Up the Compost Box	1000Q
5.3	Building Model Ships	1000Q

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Connected Mathematics 2: What Do You Expect?

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Grade 7

1 Evaluating Games of Chance

1.1 Matching Colors	830Q
1.2 Red and Blue Is a Winner!	920Q
1.3 Playing the Multiplication Game	860Q

2 Analyzing Situations Using an Area Model

2.1 Making Purple	830Q
2.2 Choosing Paths	1230Q
2.3 Finding the Best Arrangement	830Q

3 Expected Value

3.1 One-and-One Free-Throws	830Q
3.2 Finding Expected Value	920Q
3.3 Choosing Pay Plans	920Q

4 Binomial Outcomes

4.1 Guessing Answers	1350Q
4.2 Ortonville	860Q
4.3 A Baseball Series	860Q

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Grade 7

1 Making Sense of Variability

1.1	Variability in Categorical Data	920Q
1.2	Variability in Numerical Counts	600Q
1.3	Variability in Numerical Measurements	1050Q
1.4	Two Kinds of Variability	1050Q

2 Making Sense of Measures of Center

2.1	The Mean as an Equal Share	850Q
2.2	The Mean as a Balance Point in a Distribution	1050Q
2.3	Repeated Values in a Distribution	1050Q
2.4	Median and Mean and Shapes of Distributions	1050Q

3 Comparing Distributions: Equal Numbers of Data Val

3.1	Measuring and Describing Reaction Times	840Q
3.2	Comparing Reaction Times	850Q
3.3	Comparing More Than a Few Students	NMQ
3.4	Comparing Fastest and Slowest Trials	850Q

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4 Comparing Distributions: Unequal Numbers of Data V

- | | | |
|-----|---|------|
| 4.1 | Representing Survey Data | 480Q |
| 4.2 | Are Steel Coasters Faster Than Wood Coasters? | 850Q |