Test Date:

Unit 6 Study Guide: Measurement

**McGraw Hill Lessons:**

* Chapter 11, lesson 1 Estimate and measure capacity
* Chapter 11, lesson 2 Solve Capacity problems
* Chapter 11, lesson 3 Estimate and measure mass
* Chapter 11, lesson 4 Solve mass problems
* Chapter 11 lesson 5 Tell time to the nearest minute
* Chapter 11 lesson 6 Time intervals
* Chapter 12 lesson 5 Draw and Analyze line plots
* Chapter 12 lesson 3 Draw Scaled Bar graphs
* Chapter 12 lesson 6 Measure to Halves and Fourths of an inch

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* 1 Time to the half hour/ quarter hour

**In this unit, students will:**

* Tell and write time to the nearest minute and measure time intervals in minutes.
* Solve elapsed time, including word problems by using a number line diagram.
* Reason about the units of mass and volume.
  + Understand the relationship between the size of a unit and the number of units needed (compensatory principle).
* Graph data that is relevant to their lives. While exploring data concepts, students should pose a question, Collect data, Analyze data, and Interpret data.

**Web Resources:** [www.ixl.com](http://www.ixl.com)

1. [**V.3** Measure using an inch ruler](http://www.ixl.com/math/grade-3/measure-using-an-inch-ruler)
2. **V**.**[4](http://www.ixl.com/math/grade-3/which-customary-unit-is-appropriate)** [Which customary unit of length is appropriate?](http://www.ixl.com/math/grade-3/which-customary-unit-is-appropriate)
3. **V.5** Which customary unit of weight is appropriate?
4. **U.6** Which customary unit of volume is appropriate?
5. **V.7 Which customary unit is appropriate?**
6. **V.13** Which metric unit of length is appropriate?
7. [**V.14.**](http://www.ixl.com/math/grade-3/compare-and-convert-customary-units-of-length) Which unit of weight is appropriate?

**V.15** metric unit of volume is appropriate?

[**T.3** Read](http://www.ixl.com/math/grade-3/elapsed-time) clocks and write times

[**T.6** Elapsed time I](http://www.ixl.com/math/grade-3/elapsed-time)

[**T.7** Elapsed time II](http://www.ixl.com/math/grade-3/elapsed-time-ii)

**T.12** Read a schedule

[**U**.**6** Create](http://www.ixl.com/math/grade-3/elapsed-time) bar graphs

**U.8** Create line plots

**Vocabulary:**

● decompose

● elapsed time

● estimate

● gap

● gram (g)

● hour

● kilogram (kg)

● liquid volume

● liter (l)

● mass

● measure

● metric

● minute

● nonstandard units

● standard units

● time

● time intervals

● volume