

2	Identify place value.	Cognitive	Knowledge
3	Round decimal notation.	Cognitive	Knowledge
4	Add and subtract decimal notation.	Cognitive	Application
5	Multiply decimal notation.	Cognitive	Application
6	Divide decimal notation.	Cognitive	Application
7	Convert between fraction notation and decimal notation.	Cognitive	Application
8	Solve application problems with decimal notation.	Cognitive	Analysis
9	Perform hierarchy of operations.	Cognitive	Application

3 Ratios and Proportions

Order	Description	Learning Domain	Level of Learning
1	Define ratios and rates.	Cognitive	Knowledge
2	Simplify ratios in fraction form.	Cognitive	Application
3	Find unit rates.	Cognitive	Application
4	Solve a proportion using cross products.	Cognitive	Application
5	Solve application problems involving proportions.	Cognitive	Analysis

4 Percents

Order	Description	Learning Domain	Level of Learning
1	Convert between percent and decimal notation.	Cognitive	Application
2	Convert between percent and fraction notation.	Cognitive	Application
3	Solve basic percent problems.	Cognitive	Application
4	Solve application problems involving percents.	Cognitive	Analysis

5 Measurement and Conversion

Order	Description	Learning Domain	Level of Learning
1	Convert measurements of length, weight/mass, and capacity within the American system.	Cognitive	Application
2	Convert measurements of length, weight/mass, and capacity within the Metric system.	Cognitive	Application
3	Convert measurements between the American and Metric systems.	Cognitive	Application
4	Solve application problems involving measurement.	Cognitive	Analysis

6 Geometric Concepts

Order	Description	Learning	Level of
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		Domain	Learning
1	Identify basic two and three dimensional figures.	Cognitive	Knowledge
2	Find the perimeter of polygons and circumference of circles.	Cognitive	Application
3	Find the area of polygons and circles.	Cognitive	Application
4	Solve for volume of three-dimensional objects.	Cognitive	Application
5	Identify and solve problems involving angles.	Cognitive	Application

7 Technical Applications

Order	Description	Learning Domain	Level of Learning
1	Apply mathematical concepts of varied occupational applications.	Cognitive	Analysis

8 Basic Statistics

Order	Description	Learning Domain	Level of Learning
1	Solve applications involving circle, bar, and line graphs.	Cognitive	Analysis
2	Solve applications involving frequency distributions and histograms.	Cognitive	Analysis
3	Find the mean, weighted mean, median, and mode for a set of data.	Cognitive	Application