🌟 Grade 6 Math IEP Goal Bank (2 per Domain, Detailed SMART Format)

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1. Ratios & Proportional Relationships

Goal A (By //____):
Given visuals and word problems, the student will solve ratio problems to describe proportional relationships between two quantities with **80% accuracy across 3 consecutive trials**, as measured by teacher-created assessments.
📘 **CCSS Alignment:** 6.RP.A.1, 6.RP.A.3

Objectives:

1. By __/____, the student will write ratio statements to represent relationships with **80% accuracy**.

2. By __/____, the student will represent ratios using tape diagrams or tables with **75% accuracy**.

3. By __/____, the student will solve word problems involving unit rates with **75% accuracy**.

Goal B (By //____):
Given real-world problems, the student will use ratio reasoning to convert measurement units and solve multi-step problems with **80% accuracy across 3 consecutive trials**, as measured by classroom assessments.
📘 **CCSS Alignment:** 6.RP.A.3

Objectives:

1. By __/____, the student will solve conversion problems using ratio reasoning with **80% accuracy**.

2. By __/____, the student will calculate unit rates involving fractions with **75% accuracy**.

3. By __/____, the student will solve multi-step word problems involving ratios with **75% accuracy**.

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2. The Number System (Fractions, Decimals, Integers)

Goal A (By //____):
Given number lines and visuals, the student will fluently add, subtract, multiply, and divide fractions (including mixed numbers) with **80% accuracy across 3 consecutive trials**, as measured by teacher-created probes.
📘 **CCSS Alignment:** 6.NS.A.1

Objectives:

1. By __/____, the student will fluently divide unit fractions by whole numbers with **80% accuracy**.

2. By __/____, the student will divide whole numbers by unit fractions with **75% accuracy**.

3. By __/____, the student will solve multi-step word problems involving fraction division with **75% accuracy**.

Goal B (By //____):
Given number lines and real-world contexts, the student will apply operations with integers (positive and negative numbers) with **80% accuracy across 3 consecutive trials**, as measured by classroom assessments.
📘 **CCSS Alignment:** 6.NS.C.5–6.NS.C.8

Objectives:

1. By __/____, the student will locate positive and negative numbers on a number line with **80% accuracy**.

2. By __/____, the student will add and subtract integers using number lines with **75% accuracy**.

3. By __/____, the student will solve multi-step word problems involving integers with **75% accuracy**.

3. Expressions & Equations

Goal A (By //____):
Given algebraic expressions, the student will evaluate expressions involving whole-number exponents, fractions, and decimals with **80% accuracy across 3 consecutive opportunities**, as measured by classroom assessments.
📘 **CCSS Alignment:** 6.EE.A.2

Objectives:

1. By __/____, the student will evaluate expressions with whole numbers using order of operations with **80% accuracy**.

2. By __/____, the student will evaluate expressions with fractions and decimals with **75% accuracy**.

3. By __/____, the student will substitute values for variables in expressions with **75% accuracy**.

Goal B (By //____):
Given one-step equations and inequalities, the student will solve for the unknown and represent the solution set on a number line with **80% accuracy across 3 consecutive trials**, as measured by teacher-created assessments.
📘 **CCSS Alignment:** 6.EE.B.5–6.EE.B.8

Objectives:

1. By __/____, the student will solve one-step addition and subtraction equations with **80% accuracy**.

2. By __/____, the student will solve one-step multiplication and division equations with **75% accuracy**.

3. By __/____, the student will solve inequalities and graph solutions on a number line with **75% accuracy**.

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4. Geometry

Goal A (By //____):
Given diagrams and manipulatives, the student will find the area of triangles, quadrilaterals, and polygons by composing into rectangles with **80% accuracy across 3 consecutive opportunities**, as measured by classroom assessments.
📘 **CCSS Alignment:** 6.G.A.1

Objectives:

1. By __/____, the student will calculate the area of triangles with **80% accuracy**.

2. By __/____, the student will calculate the area of quadrilaterals with **75% accuracy**.

3. By __/____, the student will solve real-world problems involving the area of polygons with **75% accuracy**.

Goal B (By //____):
Given 3D figures and models, the student will find the volume of right rectangular prisms with fractional edge lengths by packing and applying formulas with **80% accuracy across 3 consecutive trials**, as measured by teacher records.
📘 **CCSS Alignment:** 6.G.A.2

Objectives:

1. By __/____, the student will measure and calculate volume with whole-number edge lengths with **80% accuracy**.

2. By __/____, the student will calculate volume with fractional edge lengths using models with **75% accuracy**.

3. By __/____, the student will apply the formula ($V = l \times w \times h$) to calculate volume with **75% accuracy**.

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5. Statistics & Probability

Goal A (By //____):
Given data sets, the student will display and interpret data using dot plots, histograms, and box plots with **80% accuracy across 3 consecutive trials**, as measured by teacher-created assessments.
📘 **CCSS Alignment:** 6.SP.B.4

Objectives:

1. By __/____, the student will create dot plots with **80% accuracy**.
2. By __/____, the student will create histograms from data with **75% accuracy**.
3. By __/____, the student will interpret and answer questions using box plots with **75% accuracy**.

Goal B (By //____):
Given real-world contexts, the student will develop an understanding of statistical variability by recognizing that data points can vary and interpreting measures of center (mean, median, mode) with **80% accuracy across 3 consecutive trials**, as measured by classroom activities.
📘 **CCSS Alignment:** 6.SP.A.1–6.SP.B.5

Objectives:

1. By __/____, the student will calculate mean, median, and mode for data sets with **80% accuracy**.
2. By __/____, the student will interpret data distributions (spread, clusters, gaps) with **75% accuracy**.
3. By __/____, the student will summarize data sets using measures of center and variability with **75% accuracy**.