

Name: _____ Student ID: _____

Teacher: _____ School: _____ School Year: _____

	Month	Week 1	Week 2	Week 3	Week 4
90					
75					
60					
45					
30					
15					



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Concepts and Applications / Progress Monitoring 1

Notes:

Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: <ul style="list-style-type: none"> 1. Transfer the time from an analog clock to a digital clock. 6. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. 12. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. 16. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: <ul style="list-style-type: none"> 4. Represent and solve problems involving one-step multiplication with a given formula. 7. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. 10. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: <ul style="list-style-type: none"> 5. Compare sets of fractions with like denominators. 8. Write the fraction for the whole number. 11. Determine where a fraction with a denominator of one is located on a number line.
9	Represent and interpret data: Use graphical information to solve a one-step addition or subtraction problem.
13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: <ul style="list-style-type: none"> 13. Solve two-step problems involving addition and/or subtraction. 19. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: <ul style="list-style-type: none"> 14. Determine the area of a rectangle. 20. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: <ul style="list-style-type: none"> 15. Solve problems involving the distributive property with a provided formula. 17. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

Notes:

Concepts and Applications / Progress Monitoring 2

Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: <ol style="list-style-type: none"> 1. Transfer the time from an analog clock to a digital clock. 6. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. 12. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. 16. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: <ol style="list-style-type: none"> 4. Represent and solve problems involving one-step multiplication with a given formula. 7. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. 10. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: <ol style="list-style-type: none"> 5. Compare sets of fractions with like denominators. 8. Write the fraction for the whole number. 11. Determine where a fraction with a denominator of one is located on a number line.
9	Represent and interpret data: Use graphical information to solve a one-step addition or subtraction problem.
13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: <ol style="list-style-type: none"> 13. Solve two-step problems involving addition and/or subtraction. 19. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: <ol style="list-style-type: none"> 14. Determine the area of a rectangle. 20. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: <ol style="list-style-type: none"> 15. Solve problems involving the distributive property with a provided formula. 17. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

Concepts and Applications / Progress Monitoring 3

Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: 1. Transfer the time from an analog clock to a digital clock. 6. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. 12. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. 16. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: 4. Represent and solve problems involving one-step multiplication with a given formula. 7. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. 10. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: 5. Compare sets of fractions with like denominators. 8. Write the fraction for the whole number. 11. Determine where a fraction with a denominator of one is located on a number line.
9	Represent and interpret data: Use graphical information to solve a one-step addition or subtraction problem.
13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: 13. Solve two-step problems involving addition and/or subtraction. 19. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: 14. Determine the area of a rectangle. 20. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: 15. Solve problems involving the distributive property with a provided formula. 17. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

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Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: 1. Transfer the time from an analog clock to a digital clock. 6. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. 12. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. 16. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: 4. Represent and solve problems involving one-step multiplication with a given formula. 7. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. 10. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: 5. Compare sets of fractions with like denominators. 8. Write the fraction for the whole number. 11. Determine where a fraction with a denominator of one is located on a number line.
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13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: 13. Solve two-step problems involving addition and/or subtraction. 19. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: 14. Determine the area of a rectangle. 20. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: 15. Solve problems involving the distributive property with a provided formula. 17. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

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Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: <ol style="list-style-type: none"> Transfer the time from an analog clock to a digital clock. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: <ol style="list-style-type: none"> Represent and solve problems involving one-step multiplication with a given formula. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: <ol style="list-style-type: none"> Compare sets of fractions with like denominators. Write the fraction for the whole number. Determine where a fraction with a denominator of one is located on a number line.
9	Represent and interpret data: Use graphical information to solve a one-step addition or subtraction problem.
13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: <ol style="list-style-type: none"> Solve two-step problems involving addition and/or subtraction. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: <ol style="list-style-type: none"> Determine the area of a rectangle. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: <ol style="list-style-type: none"> Solve problems involving the distributive property with a provided formula. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

Concepts and Applications / Progress Monitoring 4

Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: <ol style="list-style-type: none"> Transfer the time from an analog clock to a digital clock. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: <ol style="list-style-type: none"> Represent and solve problems involving one-step multiplication with a given formula. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: <ol style="list-style-type: none"> Compare sets of fractions with like denominators. Write the fraction for the whole number. Determine where a fraction with a denominator of one is located on a number line.
9	Represent and interpret data: Use graphical information to solve a one-step addition or subtraction problem.
13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: <ol style="list-style-type: none"> Solve two-step problems involving addition and/or subtraction. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: <ol style="list-style-type: none"> Determine the area of a rectangle. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: <ol style="list-style-type: none"> Solve problems involving the distributive property with a provided formula. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

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Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: <ol style="list-style-type: none"> Transfer the time from an analog clock to a digital clock. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: <ol style="list-style-type: none"> Represent and solve problems involving one-step multiplication with a given formula. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: <ol style="list-style-type: none"> Compare sets of fractions with like denominators. Write the fraction for the whole number. Determine where a fraction with a denominator of one is located on a number line.
9	Represent and interpret data: Use graphical information to solve a one-step addition or subtraction problem.
13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: <ol style="list-style-type: none"> Solve two-step problems involving addition and/or subtraction. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: <ol style="list-style-type: none"> Determine the area of a rectangle. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: <ol style="list-style-type: none"> Solve problems involving the distributive property with a provided formula. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

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Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: <ol style="list-style-type: none"> Transfer the time from an analog clock to a digital clock. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: <ol style="list-style-type: none"> Represent and solve problems involving one-step multiplication with a given formula. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: <ol style="list-style-type: none"> Compare sets of fractions with like denominators. Write the fraction for the whole number. Determine where a fraction with a denominator of one is located on a number line.
9	Represent and interpret data: Use graphical information to solve a one-step addition or subtraction problem.
13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: <ol style="list-style-type: none"> Solve two-step problems involving addition and/or subtraction. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: <ol style="list-style-type: none"> Determine the area of a rectangle. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: <ol style="list-style-type: none"> Solve problems involving the distributive property with a provided formula. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

Concepts and Applications / Progress Monitoring 17

Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: 1. Transfer the time from an analog clock to a digital clock. 6. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. 12. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. 16. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: 4. Represent and solve problems involving one-step multiplication with a given formula. 7. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. 10. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: 5. Compare sets of fractions with like denominators. 8. Write the fraction for the whole number. 11. Determine where a fraction with a denominator of one is located on a number line.
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13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: 13. Solve two-step problems involving addition and/or subtraction. 19. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: 14. Determine the area of a rectangle. 20. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: 15. Solve problems involving the distributive property with a provided formula. 17. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

Concepts and Applications / Progress Monitoring 6

Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: 1. Transfer the time from an analog clock to a digital clock. 6. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. 12. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. 16. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: 4. Represent and solve problems involving one-step multiplication with a given formula. 7. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. 10. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: 5. Compare sets of fractions with like denominators. 8. Write the fraction for the whole number. 11. Determine where a fraction with a denominator of one is located on a number line.
9	Represent and interpret data: Use graphical information to solve a one-step addition or subtraction problem.
13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: 13. Solve two-step problems involving addition and/or subtraction. 19. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: 14. Determine the area of a rectangle. 20. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: 15. Solve problems involving the distributive property with a provided formula. 17. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

Concepts and Applications / Progress Monitoring 7

Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: 1. Transfer the time from an analog clock to a digital clock. 6. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. 12. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. 16. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: 4. Represent and solve problems involving one-step multiplication with a given formula. 7. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. 10. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: 5. Compare sets of fractions with like denominators. 8. Write the fraction for the whole number. 11. Determine where a fraction with a denominator of one is located on a number line.
9	Represent and interpret data: Use graphical information to solve a one-step addition or subtraction problem.
13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: 13. Solve two-step problems involving addition and/or subtraction. 19. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: 14. Determine the area of a rectangle. 20. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: 15. Solve problems involving the distributive property with a provided formula. 17. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

Concepts and Applications / Progress Monitoring 16

Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: 1. Transfer the time from an analog clock to a digital clock. 6. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. 12. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. 16. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: 4. Represent and solve problems involving one-step multiplication with a given formula. 7. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. 10. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: 5. Compare sets of fractions with like denominators. 8. Write the fraction for the whole number. 11. Determine where a fraction with a denominator of one is located on a number line.
9	Represent and interpret data: Use graphical information to solve a one-step addition or subtraction problem.
13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: 13. Solve two-step problems involving addition and/or subtraction. 19. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: 14. Determine the area of a rectangle. 20. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: 15. Solve problems involving the distributive property with a provided formula. 17. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

Concepts and Applications / Progress Monitoring 15

Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: <ol style="list-style-type: none"> Transfer the time from an analog clock to a digital clock. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: <ol style="list-style-type: none"> Represent and solve problems involving one-step multiplication with a given formula. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: <ol style="list-style-type: none"> Compare sets of fractions with like denominators. Write the fraction for the whole number. Determine where a fraction with a denominator of one is located on a number line.
9	Represent and interpret data: Use graphical information to solve a one-step addition or subtraction problem.
13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: <ol style="list-style-type: none"> Solve two-step problems involving addition and/or subtraction. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: <ol style="list-style-type: none"> Determine the area of a rectangle. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: <ol style="list-style-type: none"> Solve problems involving the distributive property with a provided formula. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

Concepts and Applications / Progress Monitoring 8

Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: <ol style="list-style-type: none"> Transfer the time from an analog clock to a digital clock. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
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4, 7, 10	Represent and solve problems involving multiplication and division: <ol style="list-style-type: none"> Represent and solve problems involving one-step multiplication with a given formula. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: <ol style="list-style-type: none"> Compare sets of fractions with like denominators. Write the fraction for the whole number. Determine where a fraction with a denominator of one is located on a number line.
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13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: <ol style="list-style-type: none"> Solve two-step problems involving addition and/or subtraction. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: <ol style="list-style-type: none"> Determine the area of a rectangle. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: <ol style="list-style-type: none"> Solve problems involving the distributive property with a provided formula. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

Concepts and Applications / Progress Monitoring 9

Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: <ol style="list-style-type: none"> Transfer the time from an analog clock to a digital clock. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: <ol style="list-style-type: none"> Represent and solve problems involving one-step multiplication with a given formula. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: <ol style="list-style-type: none"> Compare sets of fractions with like denominators. Write the fraction for the whole number. Determine where a fraction with a denominator of one is located on a number line.
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13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: <ol style="list-style-type: none"> Solve two-step problems involving addition and/or subtraction. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: <ol style="list-style-type: none"> Determine the area of a rectangle. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: <ol style="list-style-type: none"> Solve problems involving the distributive property with a provided formula. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

Concepts and Applications / Progress Monitoring 14

Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: <ol style="list-style-type: none"> Transfer the time from an analog clock to a digital clock. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: <ol style="list-style-type: none"> Represent and solve problems involving one-step multiplication with a given formula. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: <ol style="list-style-type: none"> Compare sets of fractions with like denominators. Write the fraction for the whole number. Determine where a fraction with a denominator of one is located on a number line.
9	Represent and interpret data: Use graphical information to solve a one-step addition or subtraction problem.
13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: <ol style="list-style-type: none"> Solve two-step problems involving addition and/or subtraction. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: <ol style="list-style-type: none"> Determine the area of a rectangle. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: <ol style="list-style-type: none"> Solve problems involving the distributive property with a provided formula. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

Concepts and Applications / Progress Monitoring 13

Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: 1. Transfer the time from an analog clock to a digital clock. 6. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. 12. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. 16. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: 4. Represent and solve problems involving one-step multiplication with a given formula. 7. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. 10. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: 5. Compare sets of fractions with like denominators. 8. Write the fraction for the whole number. 11. Determine where a fraction with a denominator of one is located on a number line.
9	Represent and interpret data: Use graphical information to solve a one-step addition or subtraction problem.
13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: 13. Solve two-step problems involving addition and/or subtraction. 19. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: 14. Determine the area of a rectangle. 20. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: 15. Solve problems involving the distributive property with a provided formula. 17. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

Concepts and Applications / Progress Monitoring 10

Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: 1. Transfer the time from an analog clock to a digital clock. 6. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. 12. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. 16. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: 4. Represent and solve problems involving one-step multiplication with a given formula. 7. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. 10. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: 5. Compare sets of fractions with like denominators. 8. Write the fraction for the whole number. 11. Determine where a fraction with a denominator of one is located on a number line.
9	Represent and interpret data: Use graphical information to solve a one-step addition or subtraction problem.
13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: 13. Solve two-step problems involving addition and/or subtraction. 19. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: 14. Determine the area of a rectangle. 20. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: 15. Solve problems involving the distributive property with a provided formula. 17. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

Concepts and Applications / Progress Monitoring 11

Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: <ol style="list-style-type: none"> Transfer the time from an analog clock to a digital clock. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: <ol style="list-style-type: none"> Represent and solve problems involving one-step multiplication with a given formula. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: <ol style="list-style-type: none"> Compare sets of fractions with like denominators. Write the fraction for the whole number. Determine where a fraction with a denominator of one is located on a number line.
9	Represent and interpret data: Use graphical information to solve a one-step addition or subtraction problem.
13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: <ol style="list-style-type: none"> Solve two-step problems involving addition and/or subtraction. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: <ol style="list-style-type: none"> Determine the area of a rectangle. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: <ol style="list-style-type: none"> Solve problems involving the distributive property with a provided formula. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.

Concepts and Applications / Progress Monitoring 12

Problems	Skills Assessed
1, 6, 12, 16	Solve problems involving measurement and estimation of intervals of time, liquid volumes, or object masses: <ol style="list-style-type: none"> Transfer the time from an analog clock to a digital clock. Solve one-step single-digit addition problems that involve measurements of liquid volumes or object masses. Add or subtract one double-digit and one single-digit amount involving measurement of liquid volumes or object masses. Solve problems involving measurement of intervals of time.
2	Reason with shapes and their attributes: Determine the fraction of shaded parts in a given shape.
3	Use place value understanding and properties of operations to perform multi-digit arithmetic: Round three-digit whole numbers to the nearest 10 and nearest 100.
4, 7, 10	Represent and solve problems involving multiplication and division: <ol style="list-style-type: none"> Represent and solve problems involving one-step multiplication with a given formula. Represent and solve problems involving one-step multiplication with numbers from 2 to 9. Represent and solve problems involving one-step division with a single-digit divisor and a double-digit dividend.
5, 8, 11	Develop understanding of fractions as numbers: <ol style="list-style-type: none"> Compare sets of fractions with like denominators. Write the fraction for the whole number. Determine where a fraction with a denominator of one is located on a number line.
9	Represent and interpret data: Use graphical information to solve a one-step addition or subtraction problem.
13, 19	Solve problems involving the four operations, and identify and explain patterns in arithmetic: <ol style="list-style-type: none"> Solve two-step problems involving addition and/or subtraction. Solve two-step problems involving multiplication and addition.
14, 20	Understand concepts of area and relate area to multiplication: <ol style="list-style-type: none"> Determine the area of a rectangle. Determine the area of a rectangular object.
15, 17	Understand properties of multiplication and the relationship between multiplication and division: <ol style="list-style-type: none"> Solve problems involving the distributive property with a provided formula. Solve problems involving the associative property with a provided formula.
18	Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures: Determine the perimeter of a polygon when all sides but one are given.