



## Concepts and Applications / Progress Monitoring 1

## Notes:

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

## Concepts and Applications / Progress Monitoring 20

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

## Concepts and Applications / Progress Monitoring 19

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

## Concepts and Applications / Progress Monitoring 5

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

## Concepts and Applications / Progress Monitoring 18

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