

Concepts and Applications / Progress Monitoring 1

Notes:

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: <ul style="list-style-type: none"> 1. Determine the ratio of the first set of items to the second set of items. 6. Solve two-step problems involving multiplication and division. 9. Complete a ratio table. 12. Determine the rate of an object when given an amount and the total price. 17. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: <ul style="list-style-type: none"> 2A & 2B. Determine the mean and median of a set of numbers. 13. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: <ul style="list-style-type: none"> 3. Determine the quadrants where ordered pairs are located. 7. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. 14. Solve problems of absolute value. 20. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: <ul style="list-style-type: none"> 4A & 4B. Write algebraic expressions. 15. Determine the squared or cubed value of a single-digit whole number. 19. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: <ul style="list-style-type: none"> 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. 16. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: <ul style="list-style-type: none"> 8. Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: <ul style="list-style-type: none"> Determine the greatest common factor of two double-digit numbers.

Notes:

Concepts and Applications / Progress Monitoring 2

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: <ol style="list-style-type: none"> Determine the ratio of the first set of items to the second set of items. Solve two-step problems involving multiplication and division. Complete a ratio table. Determine the rate of an object when given an amount and the total price. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: <ol style="list-style-type: none"> Determine the mean and median of a set of numbers. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: <ol style="list-style-type: none"> Determine the quadrants where ordered pairs are located. Label positive and negative numbers on a number line. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. Solve problems of absolute value. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: <ol style="list-style-type: none"> Write algebraic expressions. Determine the squared or cubed value of a single-digit whole number. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: <ol style="list-style-type: none"> Determine the volume of an object and how many smaller objects that would fit inside it. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: <ol style="list-style-type: none"> Determine if a number substitution makes an inequality true or false. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: <ol style="list-style-type: none"> Determine the greatest common factor of two double-digit numbers.

Concepts and Applications / Progress Monitoring 3

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: 1. Determine the ratio of the first set of items to the second set of items. 6. Solve two-step problems involving multiplication and division. 9. Complete a ratio table. 12. Determine the rate of an object when given an amount and the total price. 17. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: 2A & 2B. Determine the mean and median of a set of numbers. 13. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: 3. Determine the quadrants where ordered pairs are located. 7. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. 14. Solve problems of absolute value. 20. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: 4A & 4B. Write algebraic expressions. 15. Determine the squared or cubed value of a single-digit whole number. 19. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. 16. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: 8. Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: Determine the greatest common factor of two double-digit numbers.

Concepts and Applications / Progress Monitoring 20

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: 1. Determine the ratio of the first set of items to the second set of items. 6. Solve two-step problems involving multiplication and division. 9. Complete a ratio table. 12. Determine the rate of an object when given an amount and the total price. 17. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: 2A & 2B. Determine the mean and median of a set of numbers. 13. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: 3. Determine the quadrants where ordered pairs are located. 7. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. 14. Solve problems of absolute value. 20. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: 4A & 4B. Write algebraic expressions. 15. Determine the squared or cubed value of a single-digit whole number. 19. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. 16. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: 8. Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: Determine the greatest common factor of two double-digit numbers.

Concepts and Applications / Progress Monitoring 19

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: 1. Determine the ratio of the first set of items to the second set of items. 6. Solve two-step problems involving multiplication and division. 9. Complete a ratio table. 12. Determine the rate of an object when given an amount and the total price. 17. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: 2A & 2B. Determine the mean and median of a set of numbers. 13. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: 3. Determine the quadrants where ordered pairs are located. 7. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. 14. Solve problems of absolute value. 20. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: 4A & 4B. Write algebraic expressions. 15. Determine the squared or cubed value of a single-digit whole number. 19. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. 16. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: 8. Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: Determine the greatest common factor of two double-digit numbers.

Concepts and Applications / Progress Monitoring 4

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: 1. Determine the ratio of the first set of items to the second set of items. 6. Solve two-step problems involving multiplication and division. 9. Complete a ratio table. 12. Determine the rate of an object when given an amount and the total price. 17. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: 2A & 2B. Determine the mean and median of a set of numbers. 13. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: 3. Determine the quadrants where ordered pairs are located. 7. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. 14. Solve problems of absolute value. 20. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: 4A & 4B. Write algebraic expressions. 15. Determine the squared or cubed value of a single-digit whole number. 19. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. 16. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: 8. Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: Determine the greatest common factor of two double-digit numbers.

Concepts and Applications / Progress Monitoring 5

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: <ol style="list-style-type: none"> Determine the ratio of the first set of items to the second set of items. Solve two-step problems involving multiplication and division. Complete a ratio table. Determine the rate of an object when given an amount and the total price. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: <ol style="list-style-type: none"> 2A & 2B. Determine the mean and median of a set of numbers. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: <ol style="list-style-type: none"> Determine the quadrants where ordered pairs are located. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. Solve problems of absolute value. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: <ol style="list-style-type: none"> 4A & 4B. Write algebraic expressions. Determine the squared or cubed value of a single-digit whole number. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: <ol style="list-style-type: none"> 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: <ol style="list-style-type: none"> Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: <ol style="list-style-type: none"> Determine the greatest common factor of two double-digit numbers.

Concepts and Applications / Progress Monitoring 18

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: <ol style="list-style-type: none"> Determine the ratio of the first set of items to the second set of items. Solve two-step problems involving multiplication and division. Complete a ratio table. Determine the rate of an object when given an amount and the total price. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: <ol style="list-style-type: none"> 2A & 2B. Determine the mean and median of a set of numbers. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: <ol style="list-style-type: none"> Determine the quadrants where ordered pairs are located. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. Solve problems of absolute value. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: <ol style="list-style-type: none"> 4A & 4B. Write algebraic expressions. Determine the squared or cubed value of a single-digit whole number. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: <ol style="list-style-type: none"> 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: <ol style="list-style-type: none"> Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: <ol style="list-style-type: none"> Determine the greatest common factor of two double-digit numbers.

Concepts and Applications / Progress Monitoring 17

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: <ol style="list-style-type: none"> Determine the ratio of the first set of items to the second set of items. Solve two-step problems involving multiplication and division. Complete a ratio table. Determine the rate of an object when given an amount and the total price. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: <ol style="list-style-type: none"> 2A & 2B. Determine the mean and median of a set of numbers. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: <ol style="list-style-type: none"> Determine the quadrants where ordered pairs are located. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. Solve problems of absolute value. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: <ol style="list-style-type: none"> 4A & 4B. Write algebraic expressions. Determine the squared or cubed value of a single-digit whole number. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: <ol style="list-style-type: none"> 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: <ol style="list-style-type: none"> Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: <ol style="list-style-type: none"> Determine the greatest common factor of two double-digit numbers.

Concepts and Applications / Progress Monitoring 6

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: <ol style="list-style-type: none"> Determine the ratio of the first set of items to the second set of items. Solve two-step problems involving multiplication and division. Complete a ratio table. Determine the rate of an object when given an amount and the total price. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: <ol style="list-style-type: none"> 2A & 2B. Determine the mean and median of a set of numbers. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: <ol style="list-style-type: none"> Determine the quadrants where ordered pairs are located. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. Solve problems of absolute value. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: <ol style="list-style-type: none"> 4A & 4B. Write algebraic expressions. Determine the squared or cubed value of a single-digit whole number. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: <ol style="list-style-type: none"> 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: <ol style="list-style-type: none"> Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: <ol style="list-style-type: none"> Determine the greatest common factor of two double-digit numbers.

Concepts and Applications / Progress Monitoring 7

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: <ol style="list-style-type: none"> Determine the ratio of the first set of items to the second set of items. Solve two-step problems involving multiplication and division. Complete a ratio table. Determine the rate of an object when given an amount and the total price. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: <ol style="list-style-type: none"> 2A & 2B. Determine the mean and median of a set of numbers. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: <ol style="list-style-type: none"> Determine the quadrants where ordered pairs are located. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. Solve problems of absolute value. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: <ol style="list-style-type: none"> 4A & 4B. Write algebraic expressions. Determine the squared or cubed value of a single-digit whole number. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: <ol style="list-style-type: none"> 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: <ol style="list-style-type: none"> Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: <ol style="list-style-type: none"> Determine the greatest common factor of two double-digit numbers.

Concepts and Applications / Progress Monitoring 16

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: <ol style="list-style-type: none"> Determine the ratio of the first set of items to the second set of items. Solve two-step problems involving multiplication and division. Complete a ratio table. Determine the rate of an object when given an amount and the total price. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: <ol style="list-style-type: none"> 2A & 2B. Determine the mean and median of a set of numbers. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: <ol style="list-style-type: none"> Determine the quadrants where ordered pairs are located. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. Solve problems of absolute value. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: <ol style="list-style-type: none"> 4A & 4B. Write algebraic expressions. Determine the squared or cubed value of a single-digit whole number. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: <ol style="list-style-type: none"> 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: <ol style="list-style-type: none"> Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: <ol style="list-style-type: none"> Determine the greatest common factor of two double-digit numbers.

Concepts and Applications / Progress Monitoring 15

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: 1. Determine the ratio of the first set of items to the second set of items. 6. Solve two-step problems involving multiplication and division. 9. Complete a ratio table. 12. Determine the rate of an object when given an amount and the total price. 17. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: 2A & 2B. Determine the mean and median of a set of numbers. 13. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: 3. Determine the quadrants where ordered pairs are located. 7. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. 14. Solve problems of absolute value. 20. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: 4A & 4B. Write algebraic expressions. 15. Determine the squared or cubed value of a single-digit whole number. 19. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. 16. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: 8. Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: Determine the greatest common factor of two double-digit numbers.

Concepts and Applications / Progress Monitoring 8

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: 1. Determine the ratio of the first set of items to the second set of items. 6. Solve two-step problems involving multiplication and division. 9. Complete a ratio table. 12. Determine the rate of an object when given an amount and the total price. 17. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: 2A & 2B. Determine the mean and median of a set of numbers. 13. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: 3. Determine the quadrants where ordered pairs are located. 7. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. 14. Solve problems of absolute value. 20. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: 4A & 4B. Write algebraic expressions. 15. Determine the squared or cubed value of a single-digit whole number. 19. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. 16. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: 8. Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: Determine the greatest common factor of two double-digit numbers.

Concepts and Applications / Progress Monitoring 9

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: <ol style="list-style-type: none"> Determine the ratio of the first set of items to the second set of items. Solve two-step problems involving multiplication and division. Complete a ratio table. Determine the rate of an object when given an amount and the total price. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: <ol style="list-style-type: none"> 2A & 2B. Determine the mean and median of a set of numbers. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: <ol style="list-style-type: none"> Determine the quadrants where ordered pairs are located. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. Solve problems of absolute value. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: <ol style="list-style-type: none"> 4A & 4B. Write algebraic expressions. Determine the squared or cubed value of a single-digit whole number. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: <ol style="list-style-type: none"> 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: <ol style="list-style-type: none"> Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: <ol style="list-style-type: none"> Determine the greatest common factor of two double-digit numbers.

Concepts and Applications / Progress Monitoring 14

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: <ol style="list-style-type: none"> Determine the ratio of the first set of items to the second set of items. Solve two-step problems involving multiplication and division. Complete a ratio table. Determine the rate of an object when given an amount and the total price. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: <ol style="list-style-type: none"> 2A & 2B. Determine the mean and median of a set of numbers. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: <ol style="list-style-type: none"> Determine the quadrants where ordered pairs are located. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. Solve problems of absolute value. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: <ol style="list-style-type: none"> 4A & 4B. Write algebraic expressions. Determine the squared or cubed value of a single-digit whole number. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: <ol style="list-style-type: none"> 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: <ol style="list-style-type: none"> Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: <ol style="list-style-type: none"> Determine the greatest common factor of two double-digit numbers.

Concepts and Applications / Progress Monitoring 13

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: 1. Determine the ratio of the first set of items to the second set of items. 6. Solve two-step problems involving multiplication and division. 9. Complete a ratio table. 12. Determine the rate of an object when given an amount and the total price. 17. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: 2A & 2B. Determine the mean and median of a set of numbers. 13. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: 3. Determine the quadrants where ordered pairs are located. 7. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. 14. Solve problems of absolute value. 20. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: 4A & 4B. Write algebraic expressions. 15. Determine the squared or cubed value of a single-digit whole number. 19. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. 16. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: 8. Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: Determine the greatest common factor of two double-digit numbers.

Concepts and Applications / Progress Monitoring 10

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: 1. Determine the ratio of the first set of items to the second set of items. 6. Solve two-step problems involving multiplication and division. 9. Complete a ratio table. 12. Determine the rate of an object when given an amount and the total price. 17. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: 2A & 2B. Determine the mean and median of a set of numbers. 13. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: 3. Determine the quadrants where ordered pairs are located. 7. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. 14. Solve problems of absolute value. 20. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: 4A & 4B. Write algebraic expressions. 15. Determine the squared or cubed value of a single-digit whole number. 19. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. 16. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: 8. Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: Determine the greatest common factor of two double-digit numbers.

Concepts and Applications / Progress Monitoring 11

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: <ol style="list-style-type: none"> Determine the ratio of the first set of items to the second set of items. Solve two-step problems involving multiplication and division. Complete a ratio table. Determine the rate of an object when given an amount and the total price. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: <ol style="list-style-type: none"> 2A & 2B. Determine the mean and median of a set of numbers. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: <ol style="list-style-type: none"> Determine the quadrants where ordered pairs are located. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. Solve problems of absolute value. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: <ol style="list-style-type: none"> 4A & 4B. Write algebraic expressions. Determine the squared or cubed value of a single-digit whole number. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: <ol style="list-style-type: none"> 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: <ol style="list-style-type: none"> Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: <ol style="list-style-type: none"> Determine the greatest common factor of two double-digit numbers.

Concepts and Applications / Progress Monitoring 12

Problems	Skills Assessed
1, 6, 9, 12, 17	Understand ratio concepts and use ratio reasoning to solve problems: <ol style="list-style-type: none"> Determine the ratio of the first set of items to the second set of items. Solve two-step problems involving multiplication and division. Complete a ratio table. Determine the rate of an object when given an amount and the total price. Solve a problem that has a constant.
2A, 2B, 13	Develop understanding of statistical variability and summarize and describe distributions: <ol style="list-style-type: none"> 2A & 2B. Determine the mean and median of a set of numbers. Determine the range, median, and maximum number of the data from a box plot.
3, 7, 10A, 10B, 14, 20	Apply and extend previous understandings of numbers to the system of rational numbers: <ol style="list-style-type: none"> Determine the quadrants where ordered pairs are located. Label positive and negative numbers on a number line. 10A & 10B. Given three vertices, determine a fourth vertex that would form a rectangle, and plot all vertices on a graph. Solve problems of absolute value. Write an inequality based on given problem information.
4A, 4B, 15, 19	Apply and extend previous understandings of arithmetic to algebraic expressions: <ol style="list-style-type: none"> 4A & 4B. Write algebraic expressions. Determine the squared or cubed value of a single-digit whole number. Write an equation based on given problem information.
5A, 5B, 16	Solve real-world and mathematical problems involving area, surface area, and volume: <ol style="list-style-type: none"> 5A & 5B. Determine the volume of an object and how many smaller objects that would fit inside it. Determine the surface area of a cube or pyramid.
8, 11A, 11B, 11C	Reason about and solve one-variable equations and inequalities: <ol style="list-style-type: none"> Determine if a number substitution makes an inequality true or false. 11A, 11B, 11C. Complete a ratio table, write an equation that illustrates the relationship from the ratio table, and make a bar graph that represents the data.
18	Compute fluently with multi-digit numbers and find common factors and multiples: <ol style="list-style-type: none"> Determine the greatest common factor of two double-digit numbers.