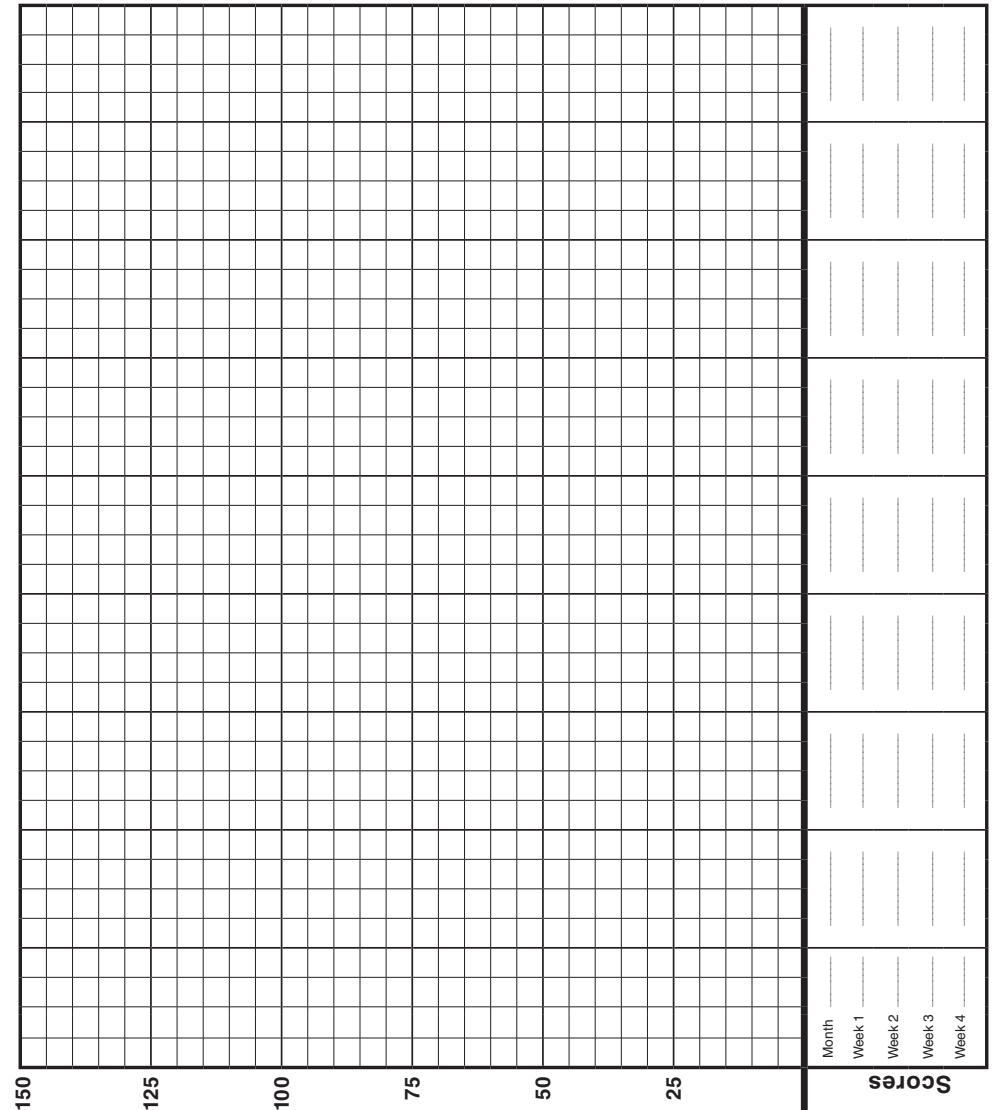# Concepts and Applications / Level 4

Name: _____ Student ID: _____

Teacher: _____ School: _____ School Year: _____

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Month | Week 1 | Week 2 | Week 3 | Week 4

150 125 100 75 50 25

Concepts and Applications / Progress Monitoring 1

Notes:

Problems	Skills Assessed
1, 7, 12	**Draw and identify lines and angles, and classify shapes by properties of their lines and angles:** 1. Determine whether a drawn line is a line of symmetry for a given shape. 7. Identify acute, obtuse, and right angles of a given shape. 12. Draw lines, line segments, or rays that are parallel or perpendicular.
2, 8, 13	**Generalize place value understanding for multi-digit whole numbers:** 2. Compare two three-digit whole numbers. 8. Round four-digit whole numbers to the nearest 10, nearest 100, and nearest 1000. 13. Write a five-digit number in expanded form.
3, 17	**Gain familiarity with factors and multiples:** 3. Determine three multiples for a given number. 17. Determine if given numbers are prime or composite numbers.
4, 9, 14	**Use the four operations with whole numbers to solve problems:** 4. Solve two-step problems with double-digit addition and subtraction. 9. Divide whole numbers to solve problems. 14. Solve problems involving time and conversion of time from hours to minutes.
5, 15	**Understand decimal notation for fractions and compare decimal fractions:** 5. Compare decimals to the hundredth place. 15. Determine the decimal notation for a fraction.
6, 11, 16, 20	**Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit:** 6. Solve problems involving time and conversion of time from hours to minutes. 11. Convert measurements from larger to smaller units. 16. Solve subtraction problems involving money. 20. Determine the length or width of an object when given the area and the length or width.
10	**Extend understanding of fraction equivalence and ordering:** Compare fractions with unlike denominators.
18	**Build fractions from unit fractions by applying and extending previous understanding of operations on whole numbers:** Solve problems involving multiplication of a fraction with a whole number.
19	**Represent and interpret data:** Determine the difference in length between two objects with the answer containing a fraction.

Concepts and Applications / Progress Monitoring 2

Problems	Skills Assessed
1, 7, 12	**Draw and identify lines and angles, and classify shapes by properties of their lines and angles:** 1. Determine whether a drawn line is a line of symmetry for a given shape. 7. Identify acute, obtuse, and right angles of a given shape. 12. Draw lines, line segments, or rays that are parallel or perpendicular.
2, 8, 13	**Generalize place value understanding for multi-digit whole numbers:** 2. Compare two three-digit whole numbers. 8. Round four-digit whole numbers to the nearest 10, nearest 100, and nearest 1000. 13. Write a five-digit number in expanded form.
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Concepts and Applications / Progress Monitoring 3

Problems	Skills Assessed
1, 7, 12	**Draw and identify lines and angles, and classify shapes by properties of their lines and angles:** 1. Determine whether a drawn line is a line of symmetry for a given shape. 7. Identify acute, obtuse, and right angles of a given shape. 12. Draw lines, line segments, or rays that are parallel or perpendicular.
2, 8, 13	**Generalize place value understanding for multi-digit whole numbers:** 2. Compare two three-digit whole numbers. 8. Round four-digit whole numbers to the nearest 10, nearest 100, and nearest 1000. 13. Write a five-digit number in expanded form.
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Concepts and Applications / Progress Monitoring 19

Problems	Skills Assessed
1, 7, 12	**Draw and identify lines and angles, and classify shapes by properties of their lines and angles:** 1. Determine whether a drawn line is a line of symmetry for a given shape. 7. Identify acute, obtuse, and right angles of a given shape. 12. Draw lines, line segments, or rays that are parallel or perpendicular.
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Concepts and Applications / Progress Monitoring 4

Problems	Skills Assessed
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Concepts and Applications / Progress Monitoring 5

Problems	Skills Assessed
1, 7, 12	**Draw and identify lines and angles, and classify shapes by properties of their lines and angles:** 1. Determine whether a drawn line is a line of symmetry for a given shape. 7. Identify acute, obtuse, and right angles of a given shape. 12. Draw lines, line segments, or rays that are parallel or perpendicular.
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Concepts and Applications / Progress Monitoring 18

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1, 7, 12	**Draw and identify lines and angles, and classify shapes by properties of their lines and angles:** 1. Determine whether a drawn line is a line of symmetry for a given shape. 7. Identify acute, obtuse, and right angles of a given shape. 12. Draw lines, line segments, or rays that are parallel or perpendicular.
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19	**Represent and interpret data:** Determine the difference in length between two objects with the answer containing a fraction.

Concepts and Applications / Progress Monitoring 17

Problems	Skills Assessed
1, 7, 12	**Draw and identify lines and angles, and classify shapes by properties of their lines and angles:** 1. Determine whether a drawn line is a line of symmetry for a given shape. 7. Identify acute, obtuse, and right angles of a given shape. 12. Draw lines, line segments, or rays that are parallel or perpendicular.
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Concepts and Applications / Progress Monitoring 6

Problems	Skills Assessed
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Concepts and Applications / Progress Monitoring 7

Problems	Skills Assessed
1, 7, 12	**Draw and identify lines and angles, and classify shapes by properties of their lines and angles:** 1. Determine whether a drawn line is a line of symmetry for a given shape. 7. Identify acute, obtuse, and right angles of a given shape. 12. Draw lines, line segments, or rays that are parallel or perpendicular.
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Concepts and Applications / Progress Monitoring 16

Problems	Skills Assessed
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Concepts and Applications / Progress Monitoring 15

Problems	Skills Assessed
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Concepts and Applications / Progress Monitoring 8

Problems	Skills Assessed
1, 7, 12	**Draw and identify lines and angles, and classify shapes by properties of their lines and angles:** 1. Determine whether a drawn line is a line of symmetry for a given shape. 7. Identify acute, obtuse, and right angles of a given shape. 12. Draw lines, line segments, or rays that are parallel or perpendicular.
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Concepts and Applications / Progress Monitoring 9

Problems	Skills Assessed
1, 7, 12	**Draw and identify lines and angles, and classify shapes by properties of their lines and angles:** 1. Determine whether a drawn line is a line of symmetry for a given shape. 7. Identify acute, obtuse, and right angles of a given shape. 12. Draw lines, line segments, or rays that are parallel or perpendicular.
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Concepts and Applications / Progress Monitoring 14

Problems	Skills Assessed
1, 7, 12	**Draw and identify lines and angles, and classify shapes by properties of their lines and angles:** 1. Determine whether a drawn line is a line of symmetry for a given shape. 7. Identify acute, obtuse, and right angles of a given shape. 12. Draw lines, line segments, or rays that are parallel or perpendicular.
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Concepts and Applications / Progress Monitoring 13

Problems	Skills Assessed
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Concepts and Applications / Progress Monitoring 10

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Concepts and Applications / Progress Monitoring 11

Problems	Skills Assessed
1, 7, 12	**Draw and identify lines and angles, and classify shapes by properties of their lines and angles:** 1. Determine whether a drawn line is a line of symmetry for a given shape. 7. Identify acute, obtuse, and right angles of a given shape. 12. Draw lines, line segments, or rays that are parallel or perpendicular.
2, 8, 13	**Generalize place value understanding for multi-digit whole numbers:** 2. Compare two three-digit whole numbers. 8. Round four-digit whole numbers to the nearest 10, nearest 100, and nearest 1000. 13. Write a five-digit number in expanded form.
3, 17	**Gain familiarity with factors and multiples:** 3. Determine three multiples for a given number. 17. Determine if given numbers are prime or composite numbers.
4, 9, 14	**Use the four operations with whole numbers to solve problems:** 4. Solve two-step problems with double-digit addition and subtraction. 9. Divide whole numbers to solve problems. 14. Solve problems involving time and conversion of time from hours to minutes.
5, 15	**Understand decimal notation for fractions and compare decimal fractions:** 5. Compare decimals to the hundredth place. 15. Determine the decimal notation for a fraction.
6, 11, 16, 20	**Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit:** 6. Solve problems involving time and conversion of time from hours to minutes. 11. Convert measurements from larger to smaller units. 16. Solve subtraction problems involving money. 20. Determine the length or width of an object when given the area and the length or width.
10	**Extend understanding of fraction equivalence and ordering:** Compare fractions with unlike denominators.
18	**Build fractions from unit fractions by applying and extending previous understanding of operations on whole numbers:** Solve problems involving multiplication of a fraction with a whole number.
19	**Represent and interpret data:** Determine the difference in length between two objects with the answer containing a fraction.

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Problems	Skills Assessed
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