

# Grade 4 (AAS)

## Operations and Algebraic Thinking

**1.** Solve one-step word problems involving real-life situations using the four operations within 100 without regrouping and select the appropriate method of computation when problem solving. [M.AAS.4.1](#)

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**5.** Use repeating patterns to make predictions. [M.AAS.4.5](#)

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## Operations with Numbers: Base 10

**6.** Compare whole number values to 50 using symbols (e.g., $<$ , $>$ , $=$ ). [M.AAS.4.6](#)

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**9.** Round a whole number from 1 to 49 to the nearest ten (using a number line and hundreds chart). [M.AAS.4.9](#)

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**11.** Add and subtract one- and two-digit numbers up to 49 with regrouping using concrete manipulatives and visual models. [M.AAS.4.11](#)

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## Operations with Numbers: Fractions

**13.** Identify and compare models of a whole (1), one-half ( $\frac{1}{2}$ ), one-third ( $\frac{1}{3}$ ), and one fourth ( $\frac{1}{4}$ ) using models, manipulatives, numbers lines, and a clock. [M.AAS.4.13](#)

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**15.** Model decomposing fractions having like denominators, using visual fraction models (limit to halves and fourths). [M.AAS.4.15](#)

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**17.** Model equivalence between fractions of a whole, halves and fourths using visual models. [M.AAS.4.17](#)

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**19.** Compare fractions of a whole, halves and fourths using symbols ( $>$ ,  $<$ , $=$ ). [M.AAS.4.19](#)

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## Data Analysis/ Measurement/ Geometry

**20.** Using vocalization, sign language, augmentative communication, or assistive technology, represent and interpret data on a picture or bar graph when given a model or a graph to complete. [M.AAS.4.20](#)

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**21.** Given an object determine the appropriate measurement tool and units of measure using vocalization, sign language, augmentative communication, or assistive technology. [M.AAS.4.21](#)

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**22. Using vocalization, sign language, augmentative communication, or assistive technology, tell time on a digital and analog clock (to the hour, half-hour, quarter hour).** [M.AAS.4.22](#)

**a** Measure mass, volume, or lengths of an object when given a measurement tool. [M.AAS.4.22A](#)

**b** Using vocalization, sign language, augmentative communication, or assistive technology, identify and determine the value of penny, nickel, dime, and quarter. [M.AAS.4.22B](#)

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**23. Determine the area of a square or rectangle by counting units of measurement (e.g., unit squares).** [M.AAS.4.23](#)

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**24. Recognize and Identify angles in geometric shapes as larger or smaller.** [M.AAS.4.24](#)

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**27. Recognize parallel lines, intersecting lines, and angles (right, acute, obtuse).** [M.AAS.4.27](#)

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**28. Using vocalization, sign language, augmentative communication, or assistive technology, describe the defining attributes of two dimensional shapes (e.g., number of sides, number of angles).** [M.AAS.4.28](#)

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**29. Given a drawing of a shape with a line drawn across the shape, identify if it is divided symmetrically.** [M.AAS.4.29](#)