Virginia Mathematics - VAAP

Grade 8

Number, Number Sense, Computation, and Estimation

1 **Compare positive and negative integers using a number line.** M-8.1

CC. Integers being compared could include -20 through 20. M-8.1.CC

2 **Use currency for problems involving $50.00 or less.** M-8.2

Measurement and Geometry

3 **Tell time and measure elapsed time in minutes using analog and digital clocks including with context.** M-8.3

CC. Times could be in one minute increments in a.m. or p.m. and could include up to +/- 24 hours of elapsed time. Contexts will relate the time to an appropriate activity. M-8.3.CC

4 **Identify the coordinates of a missing point for given geometric figures.** M-8.4

CC. The missing point to be identified could be in a triangle in the first quadrant, a square or rectangle in the first or second quadrant, or a pentagon in any quadrant. M-8.4.CC

5 **Add the areas of squares and rectangles to determine the total area of a figure in square units.** M-8.5

CC. The figure could consist of squares and rectangles, and the total area could range from 1 through 40 square units. M-8.5.CC

Probability, Statistics, Patterns, Functions, and Algebra

6 **Compare the relative probability of two different objects being selected for an event.** M-8.6

CC. The relative probability being compared could involve a group of 10 objects to a group of 40 objects (e.g., Compare the probability of selecting a blue marble to the probability of selecting a white marble from a group of 10 marbles. Which color marble would likely be selected?). M-8.6.CC

7 **Identify the line of best fit for a scatter plot of two variables with a linear relationship.** M-8.7

CC. The two variables in the scatter plot could have a positive or negative linear relationship. M-8.7.CC

8 **Evaluate expressions with one variable in real world applications including using money.** M-8.8

CC. Evaluating the expression could include addition, subtraction, multiplication, or division of whole numbers from 0 through 50. M-8.8.CC

9 **Identify a missing value in input and output tables based on a given function.** M-8.9

CC. The missing value could range from multiples of 1 through 20. M-8.9.CC

10 **Identify slope of a line as positive, negative, zero, or undefined when given a description and a graphic.** M-8.10

11 **Interpret linear graphs to determine the slope of a line.** M-8.11

CC. The linear graph could range from representing a positive slope from 1 through 10 or a negative slope from -1 to -5. M-8.11.CC

12 **Identify the graph that matches an input and output table.** M-8.12

CC . The output table could match a line with a slope from 1 through 10 or -1 to -5. M-8.12.CC

13 **Solve one- and two-step linear equations with one variable and solutions from 0 through 20.** M-8.13

CC . Equations could range from having one step of addition, subtraction, multiplication, or division to having two steps with two different operations. M-8.13.CC

14 **Identify a solution that would make an inequality true using symbols <, >, ≤, or ≥.** M-8.14

CC. The inequality could have a solution ranging from 1 through 20. M-8.14.CC