



Mathematics Materials Collections 2024 Instructionally Embedded Model Spring Window

Dynamic Learning Maps® (DLM®) testlets sometimes call for the use of specific materials. The Testlet Information Page (TIP) for each testlet identifies these materials. Sometimes materials are required and cannot be substituted, but substitutions are allowed in most cases. If a testlet requires materials, the TIP will state the specific materials mentioned in the testlet and describe their attributes so that test administrators can find appropriate substitutions. For more information about substituting materials, see the TEST ADMINISTRATION MANUAL sections titled Teacher-Administered Testlets and Prepare to Administer a Testlet.

The TIP is provided in the Instruction and Assessment Planner in Kite® Educator Portal when each testlet is assigned. Since the teacher chooses which Essential Elements and linkage levels to assess during instructionally embedded assessments, the materials needed or recommended to assess each student are unknown before the testlet is assigned. However, the materials used in different testlets often have common traits, giving teachers the ability to identify commonly available objects ahead of time that are likely to be useful when administering mathematics testlets. Teachers may collect these materials and use them during instruction. The most useful materials are familiar to the student and available before the teacher begins assigning testlets in the Instruction and Assessment Planner.

The following list contains commonly needed materials in mathematics testlets and gives test administrators more opportunity to prepare for the mathematics alternate assessment prior to the opening of the assessment window. The tables in this document summarize lists of materials per grade level for general testlets and, where appropriate, for students who are blind or have visual impairments. **Materials may be substituted unless the TIP specifically states, “No substitutions allowed.”**

Hints for using this list:

- Look at the whole list for each grade and find materials that can meet multiple purposes. Note the types of materials mentioned more than once.
- Find materials that already exist in the classroom or are easily found in the school building.
- Pick materials that are familiar to the student.
- Remember that in most cases, materials can be substituted if they have the same attributes as those on the list. Examples of substitutions are found in Table 1.
- Materials substitutions are listed for individual testlets on the corresponding TIP.

- The student's safety should be the primary concern when choosing materials or substitutions.

Table 1

Example Mathematics Materials Substitutions

Example Materials Description	Possible Substitution
Two sets of identical objects packaged together (e.g., packs of crayons, pencils, and markers).	Two identical packs of flash cards.
Two objects that are the same size, and one object that is smaller than the other two.	Two flash cards that are the same size and a smaller playing card.
12 object As	12 congruent triangles

Contained in this document

- Lists by grade of common materials used in mathematics testlets.
- Lists by grade of common materials that may be used to administer testlets to students who are blind or have visual impairments. These mathematics testlets are general testlets adapted to be more accessible for students who are blind or have visual impairments.

Common Materials Used to Administer Testlets for Grade 3

- 1 book
- 1 crumpled piece of paper
- 1 large cube
- 1 large piece of paper
- 1 large plate
- 1 large tube sock
- 1 long pencil
- 1 long ribbon
- 1 long, thin crayon
- 1 long, thick crayon
- 1 paper clip
- 1 pen
- 1 piece of notebook paper
- 1 piece of string that is 1 foot in length
- 1 piece of string that is 2 feet in length
- 1 piece of string that is 3 feet in length
- 1 rubber band (or piece of string)
- 1 short pencil
- 1 short ribbon
- 1 short, thick crayon
- 1 small ankle sock
- 1 small cube
- 1 small piece of paper
- 1 small plate
- 1 smooth piece of paper
- 1 straw
- 1 tray
- 2 baskets
- 2 bowls
- 2 gloves
- 2 identical, 16-count boxes of crayons
- 2 identical blocks
- 2 identical glue sticks

- 2 identical markers
- 2 identical pencils
- 2 identical puzzles with 4 or more pieces
- 2 markers with caps
- 40 objects to use as counters
- 6 glue sticks
- 6 index cards
- 6 pencils
- 7 chenille sticks
- 7 cubes
- 8 dominoes
- 8 erasers
- 9 cotton balls
- a container to hold all of the counters
- cards numbered 1 to 30
- unit cubes
- yardstick with feet clearly marked

Common Materials Used to Administer Testlets for Grade 3 Students Who Are Blind or Have Visual Impairments

- 1 addition sign
- 1 circle divided into 2 unequal parts
- 1 circle divided into 3 unequal parts
- 1 circle divided into 4 unequal parts
- 1 circle divided into fourths
- 1 circle divided into halves
- 1 circle divided into thirds
- 1 circle representing $\frac{1}{10}$
- 1 circle representing $\frac{1}{2}$
- 1 circle representing $\frac{1}{3}$
- 1 circle representing $\frac{1}{4}$
- 1 circle representing $\frac{1}{6}$
- 1 circle representing $\frac{2}{3}$
- 1 circle representing $\frac{3}{3}$
- 1 circle representing $\frac{3}{4}$
- 1 circle representing $\frac{4}{4}$
- 1 equal sign
- 1 five-inch object
- 1 four-inch object
- 1 hexagon
- 1 hundred
- 1 large rectangle cut into 2 parts
- 1 large rhombus
- 1 large right triangle
- 1 large triangle cut into 2 parts
- 1 medium isosceles triangle
- 1 medium right triangle
- 1 object with a measurable attribute of weight
- 1 oval
- 1 parallelogram
- 1 pentagon
- 1 rectangle divided into 2 unequal parts
- 1 rectangle divided into 4 unequal parts

- 1 rectangle divided into halves
- 1 rectangle divided into thirds
- 1 rhombus divided into halves
- 1 set of 60 objects
- 1 six-inch object
- 1 small rectangle
- 1 small square
- 1 square divided into 2 equal parts
- 1 square representing $\frac{1}{2}$
- 1 square representing $\frac{1}{3}$
- 1 square representing $\frac{1}{4}$
- 1 square representing $\frac{2}{4}$
- 1 square representing $\frac{3}{4}$
- 1 star divided into 4 unequal parts
- 1 star divided into 6 unequal parts
- 1 subtraction sign
- 1 tactile material to create groups
- 1 tactile picture graph
- 1 tactile ruler
- 1 thousand
- 1 three-inch object
- 1 trapezoid
- 1 triangle divided into halves
- 1 two-inch object
- 1 whole star
- 15 circles
- 18 containers
- 18 ones
- 18 triangles
- 2 containers with 7 compartments
- 2 identical large rectangles
- 2 identical large squares
- 2 medium objects
- 2 objects with the measurable attribute of weight

- 2 sets of objects where each set contains 1 whole object and 2 parts of an identical object
- 2 small objects
- 2 tactile bar graphs
- 20 object As
- 20 object Bs
- 3 containers with 6 compartments each
- 3 large congruent circles
- 3 large congruent equilateral triangles
- 3 medium congruent circles
- 3 medium congruent equilateral triangles
- 3 medium congruent rectangles
- 3 medium congruent squares
- 3 sets of 2 objects where the objects within each set vary in length
- 3 sets of objects where each set contains 1 whole object and 1 part of an identical object
- 3 small congruent circles
- 3 small congruent equilateral triangles
- 3 tactile number charts
- 30 identical objects
- 4 containers with 10 compartments each
- 4 dimes
- 5 large objects
- 5 large triangles
- 5 ten-dollar bills
- 7 squares
- 8 tens
- 9 tactile digital clocks
- tactile numbers

Common Materials Used to Administer Testlets for Grade 4

- 1 additional container (if the scale doesn't have a pan)
- 1 bag
- 1 balance scale
- 1 big bowl
- 1 book
- 1 clear 1/2-gallon pitcher
- 1 clear 4-cup measuring cup with the number of cups clearly marked
- 1 dry sponge
- 1 empty coffee can
- 1 glove
- 1 large circle bandage
- 1 large flat piece of paper
- 1 large folded piece of paper
- 1 long ribbon
- 1 long string
- 1 paper plate
- 1 rubber band (or piece of string)
- 1 short pencil
- 1 short ribbon
- 1 short string
- 1 small bowl
- 1 small circle bandage
- 1 small cup
- 1 small folded piece of paper
- 1 small rectangle bandage
- 1 straw
- 1 wet sponge
- 10 identical connecting blocks
- 2 identical, 12-count boxes of colored pencils
- 2 identical boxes of 12-count pencils
- 2 identical erasers
- 2 identical folders
- 2 identical glue sticks

- 2 identical large cups
- 2 identical long pencils
- 2 identical markers
- 2 identical notebooks
- 2 identical pens
- 2 large blocks
- 2 pots
- 2 re-sealable sandwich bags with different amount of rice inside
- 2 small blocks
- 2 towels
- 20 marbles to use as informal units
- 3 cut-up pieces from a second identical straw
- 50 cotton balls to use as informal units
- 6 erasers
- 6 markers
- 6 paperclips
- 6 socks
- 7 checkers all of the same color
- 7 crayons
- 8 craft sticks
- food coloring
- water

Common Materials Used to Administer Testlets for Grade 4 Students Who are Blind or Have Visual Impairments

- 1 addition symbol
- 1 arrow
- 1 asterisk
- 1 cent sign
- 1 circle divided into 2 unequal parts
- 1 circle divided into 3 unequal parts
- 1 circle divided into 4 unequal parts
- 1 circle divided into 6 unequal parts
- 1 circle divided into eighths
- 1 circle divided into fourths
- 1 circle divided into sixths
- 1 circle divided into thirds
- 1 circle representing $\frac{1}{10}$
- 1 circle representing $\frac{1}{2}$
- 1 circle representing $\frac{1}{3}$
- 1 circle representing $\frac{1}{4}$
- 1 circle representing $\frac{1}{6}$
- 1 circle representing $\frac{1}{8}$
- 1 circle representing $\frac{2}{4}$
- 1 circle representing $\frac{3}{4}$
- 1 circle representing $\frac{4}{4}$
- 1 circle representing $\frac{4}{6}$
- 1 circle representing halves
- 1 circle representing thirds
- 1 circle with a radius of 1 unit
- 1 container about 2 times the size of the small container
- 1 container about 20 times the size of the small container
- 1 continuous substance
- 1 cube measuring $1 \times 1 \times 1$
- 1 dime
- 1 dollar bill
- 1 equal to sign
- 1 greater than sign

- 1 heart divided into 2 unequal parts
- 1 heart divided into halves
- 1 hexagon
- 1 less than sign
- 1 line
- 1 line segment
- 1 nickel
- 1 number sign
- 1 object about 2 times the size of the small object
- 1 object about 4 times the size of the small object
- 1 object with a heavier weight than 3 cube weights
- 1 object with a lighter weight than 1 cube weight
- 1 object with a lighter weight than 18 cube weights
- 1 object with an equal weight to 10 cube weights
- 1 oval
- 1 penny
- 1 point
- 1 quarter
- 1 ray
- 1 rectangle divided into 2 unequal parts
- 1 rectangle divided into 3 unequal parts
- 1 rectangle divided into 4 unequal parts
- 1 rectangle divided into fourths
- 1 rectangle divided into halves
- 1 rectangle divided into sixths
- 1 rectangle divided into thirds
- 1 rectangle measuring 1 x 2
- 1 rectangle measuring 2 x 5
- 1 rectangle measuring 3 x 1
- 1 rectangle measuring 4 x 6
- 1 rectangle measuring 7 x 3
- 1 rectangle measuring 8 x 5
- 1 rectangle representing $\frac{1}{2}$
- 1 rectangle representing $\frac{1}{3}$
- 1 rectangle representing $\frac{1}{4}$

- 1 rectangle representing $\frac{2}{2}$
- 1 rectangle representing $\frac{2}{3}$
- 1 rectangle representing $\frac{3}{6}$
- 1 rectangle representing $\frac{4}{4}$
- 1 rectangle representing $\frac{4}{6}$
- 1 rectangle representing $\frac{5}{6}$
- 1 rectangle representing $\frac{6}{6}$
- 1 rectangle representing $\frac{9}{10}$
- 1 rectangle representing thirds
- 1 rectangle with a tactile border
- 1 rectangle with discernable square units measuring 4×3
- 1 rectangle with discernable square units measuring 4×6
- 1 rectangle with discernable square units measuring 4×7
- 1 rectangle with discernible square units measuring 10×5
- 1 rectangle with discernible square units measuring 5×3
- 1 rectangle with discernible square units measuring 6×4
- 1 rectangle with discernible square units measuring 5×4
- 1 set of non-perpendicular intersecting lines
- 1 set of parallel line segments
- 1 set of perpendicular lines
- 1 small acute angle
- 1 small container
- 1 small object
- 1 square divided into 3 unequal parts
- 1 square divided into fourths
- 1 square divided into halves
- 1 square divided into thirds
- 1 square measuring 1×1
- 1 square measuring 2×2
- 1 square measuring 3×3
- 1 square object
- 1 square representing $\frac{1}{2}$
- 1 square representing $\frac{1}{4}$
- 1 square representing $\frac{1}{8}$
- 1 square representing $\frac{2}{2}$

- 1 square representing $\frac{2}{3}$
- 1 square representing $\frac{2}{4}$
- 1 square representing $\frac{3}{4}$
- 1 square representing eighths
- 1 square representing fourths
- 1 square representing thirds
- 1 square with a tactile border
- 1 square with discernable square units measuring 3 x 3
- 1 square with discernable square units measuring 5 x 5
- 1 star divided into halves
- 1 subtraction sign
- 1 tactile material to create dotted lines
- 1 tactile material to create groups
- 1 tactile number line
- 1 tactile picture graph
- 1 triangle divided into halves
- 1 triangular object
- 1 whole object and 2 parts of an identical object
- 10 object Cs
- 2 congruent circles
- 2 congruent hearts
- 2 congruent rectangles
- 2 large congruent acute angles
- 2 sets of parallel lines
- 2 sets of perpendicular line segments
- 2 tactile bar graphs
- 3 acute angles of varying measures
- 3 balance scales
- 3 congruent half circles
- 3 obtuse angles of varying measures
- 3 right angles
- 3 tactile analog clocks
- 31 cube weights
- 31 object As
- 35 stackable objects

- 4 rhombi
- 4 trapezoids
- 48 identical objects
- 6 identical containers
- 6 non-money objects
- 6 squares
- 6 triangles
- 7 acute angles
- 7 circles
- 8 tactile digital clocks
- 9 object Bs
- tactile letters
- tactile letters and numbers for labeling

Common Materials Used to Administer Testlets for Grade 5

- 1 baseball
- 1 basketball
- 1 big index card
- 1 box
- 1 crayon
- 1 domino
- 1 dry sponge
- 1 empty container measuring 4" x 4" x 3"
- 1 empty container measuring 5" x 8" x 2"
- 1 empty container measuring 6" x 2" x 3"
- 1 empty rectangular container measuring 3" x 4" x 2"
- 1 empty rectangular container measuring 6" x 5" x 2"
- 1 empty rectangular container measuring 5" x 4" x 2"
- 1 empty water bottle
- 1 full water bottle with a colored liquid
- 1 large piece of paper
- 1 rubber band
- 1 scale
- 1 small index card
- 1 small piece of paper
- 1 tennis ball
- 1 towel
- 1 wet sponge
- 2 identical, 12-count boxes of pencils
- 2 identical, 12-count packs of pens
- 2 identical cards
- 2 identical cups
- 2 identical erasers
- 2 identical folders
- 2 identical glue sticks
- 2 identical markers
- 2 identical number cubes
- 2 large books

- 2 long paintbrushes
- 2 plastic cups
- 2 short paintbrushes
- 2 small books
- 3 erasers that vary in size
- 3 pencils that vary in length
- 3 plates
- 4 different fruits or vegetables
- 5 checkers
- 5 paintbrushes
- 6 clothespins
- 6 envelopes
- 7 interlocking blocks
- 7 number cubes
- 8 markers
- 8 snap cubes
- 9 napkins
- more than enough unit cubes to fill the largest container

Common Materials Used to Administer Testlets for Grade 5 Students Who Are Blind or Have Visual Impairments

- 1 circle divided into 2 unequal parts with 1 part shaded
- 1 circle divided into fourths
- 1 circle divided into halves
- 1 circle divided into sixths
- 1 circle divided into tenths
- 1 circle divided into thirds
- 1 circle representing $\frac{1}{2}$
- 1 circle representing $\frac{1}{3}$
- 1 circle representing $\frac{1}{4}$
- 1 circle representing $\frac{2}{3}$
- 1 circle representing $\frac{2}{8}$
- 1 circle representing $\frac{3}{3}$
- 1 circle representing $\frac{3}{4}$
- 1 container packed with unit cubes
- 1 cube measuring $1 \times 1 \times 1$
- 1 eight-ounce object
- 1 equal to sign
- 1 five-dollar bill
- 1 four-ounce object
- 1 greater than sign
- 1 heart
- 1 isosceles triangle
- 1 large cone
- 1 large cube
- 1 large cylinder
- 1 large rectangle
- 1 large sphere
- 1 less than sign
- 1 long object
- 1 object scaled to represent a 10-foot tall object
- 1 object scaled to represent a 5-foot tall object
- 1 obtuse scalene triangle

- 1 one-dollar bill
- 1 parallelogram
- 1 pyramid
- 1 quarter
- 1 rectangle divided into 3 unequal parts
- 1 rectangle divided into 4 unequal parts
- 1 rectangle divided into eighths
- 1 rectangle divided into fourths
- 1 rectangle divided into halves
- 1 rectangle divided into sixths
- 1 rectangle divided into tenths
- 1 rectangle divided into thirds
- 1 rectangle representing $\frac{1}{10}$
- 1 rectangle representing $\frac{1}{3}$
- 1 rectangle representing $\frac{1}{4}$
- 1 rectangle representing $\frac{2}{10}$
- 1 rectangle representing $\frac{2}{3}$
- 1 rectangle representing $\frac{2}{4}$
- 1 rectangle representing $\frac{2}{5}$
- 1 rectangle representing $\frac{2}{8}$
- 1 rectangle representing $\frac{3}{4}$
- 1 rectangle representing $\frac{3}{8}$
- 1 rectangle representing $\frac{4}{10}$
- 1 rectangle representing $\frac{6}{10}$
- 1 rectangle representing $\frac{6}{8}$
- 1 rectangle representing $\frac{7}{10}$
- 1 rectangle representing $\frac{8}{10}$
- 1 rectangle representing $\frac{9}{10}$
- 1 rectangle divided into 2 unequal parts
- 1 rectangular prism measuring $2 \times 2 \times 1$
- 1 rectangular prism measuring $3 \times 2 \times 1$
- 1 rectangular prism measuring $3 \times 2 \times 2$
- 1 rectangular prism with discernible cubic units measuring $2 \times 1 \times 2$
- 1 rectangular prism with discernible cubic units measuring $3 \times 1 \times 1$

- 1 rectangular prism with discernible cubic units measuring $3 \times 1 \times 2$
- 1 rectangular prism with discernible cubic units measuring $4 \times 1 \times 1$
- 1 rectangular prism with discernible cubic units measuring $4 \times 1 \times 2$
- 1 rhombus
- 1 right triangle
- 1 short object
- 1 six-inch object
- 1 six-pound object
- 1 small cube
- 1 small cylinder
- 1 small rectangle
- 1 small sphere
- 1 square divided 4 unequal parts
- 1 square divided into 2 unequal parts
- 1 square divided into 3 unequal parts
- 1 square divided into fourths
- 1 square divided into halves
- 1 square divided into thirds
- 1 square representing $\frac{1}{2}$
- 1 square representing $\frac{1}{3}$
- 1 square representing $\frac{3}{4}$
- 1 tactile material to create groups
- 1 tactile table
- 1 three-inch object
- 1 triangular prism
- 1 twelve-pound object
- 10 object Cs
- 10 pennies
- 13 ones
- 16 tens
- 2 circles divided into 2 unequal parts
- 2 circles divided into 3 unequal parts
- 2 congruent cubes
- 2 congruent ellipses

- 2 congruent hexagons
- 2 congruent stars
- 2 congruent trapezoids
- 2 equilateral triangles
- 2 identical cylinders
- 2 identical rectangular prisms
- 2 large squares
- 2 medium circles
- 2 medium triangles
- 2 small circles
- 2 small congruent cones
- 2 small triangles
- 2 squares divided into 4 unequal parts
- 2 tactile digital clocks
- 3 containers with 4 compartments each
- 3 heavy objects
- 3 light objects
- 3 medium-height objects
- 3 medium-weight objects
- 3 short objects
- 3 tactile analog clocks
- 3 tactile bar graphs
- 3 tactile number lines
- 3 tactile picture graphs
- 3 tall objects
- 30 connecting cubes
- 34 blocks
- 4 containers with 10 compartments each
- 4 containers with 8 compartments each
- 4 tactile line plots
- 40 object As
- 5 large circles
- 5 nickels
- 6 large triangles

- 6 non-money objects
- 7 dimes
- 7 object Bs

Common Materials Used to Administer Testlets for Grade 6

- 1 bag
- 1 empty box of tea bags
- 1 empty shoe box
- 1 empty tissue box
- 1 index card cut in parts
- 1 paper plate cut in parts
- 1 rubber band
- 1 whole index card
- 1 whole paper plate
- 12 connecting cubes
- 2 dry sponges varying in size
- 2 hard cover books
- 2 identical, 12-count boxes of colored pencils
- 2 identical, 12-count packs of pens
- 2 packs of gum
- 2 plastic cups
- 2 soft cover books
- 2 wet sponges varying in size
- 200 one-inch unit cubes
- 3 blocks that vary in size
- 3 empty rectangular containers of any size
- 3 pencils that vary in length
- 4 markers
- 5 cups
- 6 erasers
- 6 glue sticks
- 7 cards
- 7 pieces of chalk
- 7 wooden craft sticks
- 8 folders
- 9 crayons
- more than enough unit cubes to fill the largest container

Common Materials Used to Administer Testlets for Grade 6 Students Who Are Blind or Have Visual Impairments

- 1 circle divided into 2 equal parts
- 1 circle divided into fourths
- 1 circle representing $\frac{1}{10}$
- 1 circle representing $\frac{1}{2}$
- 1 circle representing $\frac{1}{3}$
- 1 circle representing $\frac{1}{4}$
- 1 circle representing $\frac{2}{3}$
- 1 circle representing $\frac{3}{4}$
- 1 circle representing $\frac{3}{6}$
- 1 circle representing $\frac{4}{10}$
- 1 circle representing $\frac{8}{10}$
- 1 container with 10 compartments
- 1 container with 4 compartments
- 1 continuous substance
- 1 rectangle divided into halves
- 1 rectangle measuring $\frac{1}{3} \times 3$
- 1 rectangle measuring 6×10
- 1 rectangle measuring 6×4
- 1 rectangle representing $\frac{2}{3}$
- 1 rectangle representing $\frac{3}{4}$
- 1 rectangle with 1 half shaded
- 1 rectangle with discernible square units measuring 2×3
- 1 rectangle with discernible square units measuring 4×6
- 1 rectangle with discernible square units measuring 4×7
- 1 rectangle with discernible square units measuring 5×3
- 1 rectangle with discernible square units measuring 6×4
- 1 rectangle with the area shaded
- 1 rectangle with the border shaded
- 1 rectangular prism with discernible cube units measuring $2 \times 2 \times 1$
- 1 rectangular prism with discernible cubic units measuring $3 \times 2 \times 1$
- 1 rectangular prism with discernible cubic units measuring $4 \times 3 \times 1$
- 1 rectangular prism with discernible cubic units measuring $6 \times 4 \times 1$
- 1 set of 36 objects

- 1 square divided into 4 equal parts
- 1 square measuring 1 x 1
- 1 square measuring 2 x 2
- 1 square measuring 5 x 5
- 1 square representing $\frac{1}{2}$
- 1 square representing $\frac{1}{3}$
- 1 square representing $\frac{1}{4}$
- 1 square representing $\frac{3}{4}$
- 1 square with discernible square units measuring 3 x 3
- 1 tactile material to create groups
- 1 tactile picture graph
- 14 object Bs
- 2 circles divided into 2 unequal parts
- 2 circles divided into 4 unequal parts
- 2 circles representing $\frac{1}{4}$
- 2 rectangles divided into 2 unequal parts
- 2 squares divided into 4 unequal parts
- 2 tactile line plots
- 25 object As
- 3 containers with 3 compartments each
- 3 tactile line graphs
- 3 tactile number lines
- 3 tactile thermometers
- 6 identical containers
- 6 tactile bar graphs

Common Materials Used to Administer Testlets for Grade 7

- 1 calculator
- 1 closed container
- 1 dry sponge
- 1 hard cover book
- 1 large cup
- 1 large hard ball
- 1 large soft ball
- 1 long ribbon
- 1 open container
- 1 rubber band
- 1 ruler
- 1 short ribbon
- 1 small cup
- 1 small hard ball
- 1 smooth piece of paper
- 1 soft cover book
- 1 wet sponge
- 1 crumpled piece of paper
- 2 identical, 12-count boxes of colored pencils
- 2 identical, 7-count packs of toy cars
- 2 identical boxes of pens
- 2 identical cups
- 2 identical decks of playing cards in their boxes
- 2 identical highlighters familiar to the student
- 2 identical notecards
- 2 large circles
- 2 round blocks
- 2 small circles
- 2 square blocks
- 3 pencils that vary in length
- 3 strings that vary in length
- 5 crayons
- 5 markers

- 5 notebooks
- 7 dominoes
- 7 napkins
- 8 envelopes
- 8 glue sticks

Common Materials Used to Administer Testlets for Grade 7 Students Who Are Blind or Have Visual Impairments

- 1 acute angle
- 1 acute isosceles triangle
- 1 arrow
- 1 circle divided into 3 unequal parts
- 1 circle divided into fourths
- 1 circle divided into halves
- 1 circle representing $\frac{2}{4}$
- 1 circle representing $\frac{3}{4}$
- 1 container with 2 compartments
- 1 equal to sign
- 1 greater than sign
- 1 heart-shaped block
- 1 hexagon
- 1 large circle
- 1 large cube
- 1 large cylinder
- 1 large equilateral triangle
- 1 large rectangle
- 1 large rectangular prism
- 1 large rhombus
- 1 large right triangle
- 1 large square
- 1 less than sign
- 1 line
- 1 line segment
- 1 medium circle
- 1 medium triangular block
- 1 object of type G
- 1 object of type I
- 1 obtuse angle
- 1 pentagon
- 1 point
- 1 ray

- 1 rectangle divided into tenths
- 1 rectangle measuring 4 x 2
- 1 rectangle representing $\frac{3}{10}$
- 1 rectangle representing $\frac{6}{10}$
- 1 rectangle representing $\frac{7}{10}$
- 1 rectangle with discernible square units measuring 2 x 4
- 1 rectangle with discernible square units measuring 3 x 2
- 1 rectangle with discernible square units measuring 4 x 3
- 1 rectangle with discernible square units measuring 5 x 4
- 1 rectangle with the area indicated
- 1 rectangle with the length of the bottom side indicated
- 1 rectangle with the length of the top side indicated
- 1 rectangle with the length, width, and diagonal indicated
- 1 rectangle with the perimeter indicated
- 1 rectangular object
- 1 right isosceles triangle
- 1 right scalene triangle
- 1 small circle
- 1 small cube
- 1 small cylinder
- 1 small equilateral triangle
- 1 small octagon
- 1 small oval
- 1 small parallelogram
- 1 small pyramid
- 1 small rectangle
- 1 small rectangular prism
- 1 small rhombus
- 1 small right triangle
- 1 small sphere
- 1 small square
- 1 small square block
- 1 small trapezoid
- 1 small triangular prism
- 1 square measuring 2 x 2

- 1 square with discernible square units measuring 3 x 3
- 1 star
- 1 straight angle
- 1 tactile material to create groups
- 1 tactile number line
- 1 tactile picture graph
- 1 tactile spinner
- 1 wavy line
- 2 circles divided into 2 unequal parts
- 2 congruent circles
- 2 congruent cones
- 2 congruent cylinders
- 2 congruent equilateral triangles
- 2 congruent pyramids
- 2 large triangular blocks
- 2 object Bs
- 2 objects of type C
- 2 objects of type E
- 2 objects of type F
- 2 objects of type H
- 2 objects without the measurable attribute of height
- 2 rectangles representing $\frac{4}{10}$
- 2 rectangular blocks
- 2 right angles
- 3 circles representing $\frac{1}{4}$
- 3 congruent rectangles
- 3 containers with 10 compartments each
- 3 containers with 3 compartments each
- 3 containers with 4 compartments each
- 3 containers with 5 compartments each
- 3 containers with 6 compartments each
- 3 containers with 8 compartments each
- 3 large square blocks
- 3 tactile bar graphs
- 3 tactile coordinate grids

- 3 tactile line plots
- 4 sets of objects where each set contains 1 whole object and 1 part of an identical object (objects A-D)
- 40 object As
- 5 large circular blocks
- 5 number cubes
- 5 squares
- 6 circles
- 7 object As in pieces

Common Materials Used to Administer Testlets for Grade 8

- 1 blank piece of paper
- 1 clear pencil case or plastic bag
- 1 dry sponge
- 1 flat piece of paper
- 1 folded piece of paper
- 1 key ring
- 1 large block
- 1 large bowl
- 1 large closed box
- 1 large eraser
- 1 large open box
- 1 large piece of construction paper
- 1 large plastic cup
- 1 large plate
- 1 large square
- 1 small block
- 1 small bowl
- 1 small eraser
- 1 small open box
- 1 small piece of construction paper
- 1 small plastic cup
- 1 small plate
- 1 small square
- 1 thick book
- 1 thin book
- 1 wet sponge
- 2 bent chenille stems
- 2 closed containers
- 2 colored pencils
- 2 identical 20-count sheets of stickers
- 2 identical balls
- 2 identical blocks
- 2 identical calculators

- 2 identical crayons
- 2 identical glue sticks
- 2 identical long ribbons
- 2 identical markers
- 2 identical pencils
- 2 identical pens
- 2 identical short ribbons
- 2 large rectangles
- 2 long pencils
- 2 notebooks
- 2 open containers
- 2 pattern blocks
- 2 short pencils
- 2 small rectangles
- 2 straight chenille stems
- 3 books that vary in size
- 3 circles that vary in size
- 3 craft sticks that vary in size
- 3 crayons that vary in length
- 3 pencils that vary in length
- 3 pom-poms that vary in size
- 3 triangles that vary in size
- 5 keys
- 5 paint brushes
- 5 pens
- 8 markers
- 8 small paper cups

Common Materials Used to Administer Testlets for Grade 8 Students Who Are Blind or Have Visual Impairments

- 1 acute angle
- 1 arc
- 1 circle representing $\frac{3}{6}$
- 1 circle representing $\frac{4}{4}$
- 1 colon
- 1 container with 4 compartments
- 1 container with 5 compartments
- 1 container with 6 compartments
- 1 container with 8 compartments
- 1 dollar sign
- 1 equal to sign
- 1 exclamation point
- 1 fraction bar
- 1 greater than sign
- 1 large cube
- 1 large hexagon
- 1 large pyramid
- 1 large rhombus
- 1 large sphere
- 1 large square
- 1 large triangular prism
- 1 less than sign
- 1 line
- 1 medium circle
- 1 medium cube
- 1 medium square
- 1 object with a measurable attribute of weight
- 1 obtuse angle
- 1 octagon
- 1 pair of adjacent angles forming an acute angle
- 1 pair of complementary angles
- 1 pair of supplementary angles
- 1 ray

- 1 rectangle measuring 10 x 7
- 1 rectangle measuring 12 x 9
- 1 rectangle measuring 18 x 9
- 1 rectangle measuring 4 x 2
- 1 rectangle measuring 6 x 5
- 1 rectangle measuring 7 x 6
- 1 rectangle measuring 9 x 3
- 1 rectangle representing $\frac{1}{4}$
- 1 rectangle representing $\frac{10}{10}$
- 1 rectangle representing $\frac{2}{10}$
- 1 rectangle representing $\frac{3}{10}$
- 1 rectangle representing $\frac{5}{10}$
- 1 rectangle representing $\frac{8}{10}$
- 1 rectangular prism measuring 3 x 4 x 8
- 1 rectangular prism measuring 6 x 10 x 5
- 1 rectangular prism measuring 6 x 4 x 2
- 1 rectangular prism measuring 9 x 6 x 8
- 1 set of 30 identical objects
- 1 set of objects which contains 1 whole object and 2 parts of an identical object
- 1 similar right scalene triangle
- 1 small circle
- 1 small cone
- 1 small ellipse
- 1 small hexagon
- 1 small parallelogram
- 1 small pentagon
- 1 small pyramid
- 1 small rectangular prism
- 1 small rhombus
- 1 small square
- 1 square representing $\frac{4}{8}$
- 1 square representing $\frac{6}{8}$
- 1 square representing $\frac{8}{8}$
- 1 tactile function graph

- 1 tactile line plot
- 1 tactile material to create groups
- 2 arrows
- 2 circles representing $\frac{1}{6}$
- 2 circles representing $\frac{2}{6}$
- 2 congruent circles
- 2 congruent equilateral triangles
- 2 congruent hearts
- 2 congruent stars
- 2 large congruent ellipses
- 2 large identical right triangles
- 2 parallelograms
- 2 right angles
- 2 similar cylinders
- 2 similar rectangles
- 2 squares representing $\frac{2}{8}$
- 3 congruent right isosceles triangles
- 3 materials to indicate part of the number
- 3 tactile bar graphs
- 3 tactile function tables
- 3 tactile materials to indicate part of a number
- 3 tactile picture graphs
- 3 tactile tally charts
- 4 congruent right scalene triangles
- 4 containers with 10 compartments each
- 40 object As
- 5 sets of objects where each set contains 1 whole object and 1 part of an identical object (objects A-E)
- 6 congruent small rectangles
- 6 congruent small trapezoids
- 6 congruent, small isosceles triangles
- 6 medium identical right triangles
- 6 tactile coordinate planes
- 6 tactile decimals
- 6 tactile tables

- tactile numbers and decimals

Common Materials Used to Administer Testlets for High School

- 1 bottle
- 1 crumpled piece of paper
- 1 hexagon
- 1 large cube
- 1 long dull pencil
- 1 long sharpened pencil
- 1 long string
- 1 rubber band (or piece of string)
- 1 short, sharpened pencil
- 1 short string
- 1 small cube
- 1 smooth piece of paper
- 1 yardstick
- 2 bent straws varying in size
- 2 closed boxes
- 2 empty jars varying in size
- 2 folded pieces of paper
- 2 full jars varying in size
- 2 identical, 6-count packs of glue sticks
- 2 identical blocks
- 2 identical bowls
- 2 identical checkers
- 2 identical crayons
- 2 identical cups
- 2 identical dominoes
- 2 identical envelopes
- 2 identical erasers
- 2 identical flat pieces of paper
- 2 identical keys
- 2 identical markers
- 2 identical notebooks
- 2 identical number cubes
- 2 identical pencils

- 2 identical pens
- 2 identical plates
- 2 identical playing cards
- 2 identical rulers
- 2 identical sponges
- 2 large books
- 2 long rulers
- 2 open boxes
- 2 plates varying in size
- 2 short rulers
- 2 small books
- 2 squares
- 2 straight straws varying in size
- 3 blocks that vary in size
- 3 buttons
- 3 cards
- 3 colored pencils
- 3 containers that vary in size
- 3 cotton swabs
- 3 cups varying in size
- 3 gloves
- 3 markers
- 3 number cubes
- 3 pencils that vary in length
- 3 pieces of paper that vary in size
- 3 spoons
- 5 pencils
- 5 tiles
- 6 crayons
- 6 dominoes
- 6 erasers
- 6 pens
- 7 blocks
- 7 checkers
- 7 cotton balls

- 7 keys
- 7 rulers
- 9 coins

Common Materials Used to Administer Testlets for High School Students Who Are Blind or Have Visual Impairments

- 1 acute angle
- 1 arrow
- 1 circular object
- 1 cylindrical object
- 1 heart
- 1 large circle
- 1 large cube
- 1 large isosceles triangle
- 1 large oval
- 1 large right triangle
- 1 large similar trapezoid
- 1 line
- 1 line segment
- 1 number cube
- 1 obtuse angle
- 1 octagon
- 1 pentagon
- 1 point
- 1 pyramid
- 1 quarter
- 1 ray
- 1 rectangle divided into triangular halves
- 1 rectangle measuring 7 x 3
- 1 rectangle measuring 9 feet x 10 feet
- 1 rectangle measuring 9 x 6
- 1 rectangle measuring 9 x 8
- 1 rectangle with discernible square units measuring 3 x 5
- 1 rectangle with discernible square units measuring 6 x 4
- 1 rectangular object
- 1 rhombus
- 1 right angle
- 1 set of non-perpendicular intersecting line segments
- 1 set of parallel line segments

- 1 set of parallel lines
- 1 set of perpendicular line segments
- 1 set of perpendicular lines
- 1 sixteen-inch length of yarn
- 1 small cube
- 1 small isosceles triangle
- 1 small oval
- 1 small right triangle
- 1 small trapezoid
- 1 sphere
- 1 square measuring 3 units x 3 units
- 1 tactile material to create groups
- 1 tactile spinner
- 1 thousand block
- 18 ones
- 2 congruent cones
- 2 congruent cylinders
- 2 congruent ellipses
- 2 congruent parallelograms
- 2 congruent rectangles
- 2 congruent rectangular prisms
- 2 congruent right scalene triangles
- 2 congruent squares
- 2 congruent triangular prisms
- 2 different triangles
- 2 four-inch craft sticks
- 2 identical trapezoids
- 2 large rectangles
- 2 sets of non-perpendicular intersecting lines
- 2 similar circles
- 2 similar cones
- 2 similar hexagons
- 2 similar rectangular prisms
- 2 similar right triangles
- 2 small rectangles

- 2 small squares
- 2 small triangles
- 3 addition signs
- 3 division signs
- 3 multiplication signs
- 3 subtraction signs
- 3 tactile bar graphs
- 3 tactile coordinate grids
- 3 tactile line graphs
- 3 tactile line plots
- 3 tactile number lines
- 3 tactile picture graphs
- 3 tactile pie charts
- 3 tens
- 39 object As
- 4 playing cards
- 4 six-inch craft sticks
- 4 tactile function tables
- 4 tactile less than and greater than symbols
- 65 objects
- 7 tactile function graphs
- tactile letters and numbers