



Mathematics Materials Collections 2023 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 (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.

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 box
- 1 cup
- 1 large cube
- 1 large plate
- 1 large tube sock
- 1 long pencil
- 1 long, thin crayon
- 1 long, thick crayon
- 1 paper clip
- 1 paper plate in parts
- 1 piece of string that is 1 foot
- 1 piece of string that is 2 feet
- 1 piece of string that is 3 feet in length
- 1 rubber band (or piece of string)
- 1 short pencil
- 1 short, thick crayon
- 1 small ankle sock
- 1 small cube
- 1 small plate
- 1 sponge in parts
- 1 straw
- 1 tray
- 1 whole paper plate
- 1 whole sponge
- 10 connecting cubes
- 10 cubes
- 2 baskets
- 2 bowls
- 2 gloves
- 2 identical 16-count boxes of crayons
- 2 identical blocks
- 2 identical glue sticks
- 2 identical puzzles with 4 or more pieces
- 2 markers with caps
- 40 objects to use as counters
- 5 pencils
- 6 glue sticks
- 6 index cards
- 7 chenille sticks

- 7 erasers
- 8 markers
- 9 cotton balls
- 9 dominoes
- a container to hold all of the counters
- cards numbered 1 to 30
- 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 $\frac{2}{3}$
- 1 circle representing $\frac{3}{3}$
- 1 circle representing $\frac{3}{4}$
- 1 circle representing $\frac{4}{4}$
- 1 continuous substance
- 1 equal sign
- 1 five-inch object
- 1 four and a half-inch object
- 1 hundred
- 1 large rectangle cut into 2 parts
- 1 large triangle cut into 2 parts
- 1 medium square
- 1 octagon
- 1 rectangle divided into 2 equal rows and 4 unequal columns
- 1 rectangle divided into 2 unequal columns
- 1 rectangle divided into 3 equal rows and 3 equal columns
- 1 rectangle divided into 3 unequal parts
- 1 rectangle divided into 4 equal parts
- 1 rectangle divided into 4 unequal parts
- 1 rectangle divided into halves
- 1 rectangle divided into thirds
- 1 rectangle representing $\frac{1}{10}$
- 1 rectangle representing $\frac{1}{2}$
- 1 rectangle representing $\frac{1}{3}$
- 1 rectangle representing $\frac{1}{4}$
- 1 rhombus
- 1 right triangle

- 1 set of 20 objects to serve as informal units of measure
- 1 set of 60 objects
- 1 seven-inch object
- 1 six-inch object
- 1 small rectangle
- 1 small square
- 1 square divided into halves
- 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 star divided into halves
- 1 subtraction sign
- 1 tactile material to create groups
- 1 tactile picture graph
- 1 tactile ruler
- 1 ten-inch object
- 1 three-inch object
- 1 trapezoid
- 1 triangle divided into 2 equal parts
- 1 two-inch object
- 1 whole star
- 12 tens
- 18 containers
- 18 ones
- 2 containers with 7 compartments
- 2 different parts of an identical object A
- 2 four-inch objects
- 2 identical large rectangles
- 2 identical large squares
- 2 identical large triangles
- 2 medium congruent hexagons (1 whole and 1 divided into halves)
- 2 medium objects
- 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
- 2 ten-dollar bills
- 23 Set A objects
- 3 containers with 6 compartments each

- 3 large circles
- 3 medium circles
- 3 medium triangles
- 3 sets of 2 objects where the objects within each set vary in length
- 3 small circles
- 3 small triangles
- 3 tactile number charts
- 30 identical objects
- 4 containers with 10 compartments each
- 4 identical containers
- 4 sets of 2 objects
- 5 large objects
- 5 large triangles
- 9 tactile digital clocks
- set of 20 B objects

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 ball
- 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 empty coffee can
- 1 glove
- 1 highlighter
- 1 key
- 1 large circle bandage
- 1 large flat piece of paper
- 1 large folded piece of paper
- 1 long ribbon
- 1 picture
- 1 piece of string
- 1 plastic bottle
- 1 rough towel
- 1 rubber band (or piece of string)
- 1 set of 20 objects
- 1 short ribbon
- 1 small bowl
- 1 small circle bandage
- 1 small folded piece of paper
- 1 small rectangle bandage
- 1 straw
- 1 tactile material to create groups
- 10 identical connecting blocks
- 2 baskets
- 2 identical 12-count boxes of colored pencils
- 2 identical adhesive bandages
- 2 identical blocks
- 2 identical boxes of 12-count pencils
- 2 identical chenille stems
- 2 identical craft sticks
- 2 identical cubes
- 2 identical cups

- 2 identical folders
- 2 identical markers
- 2 identical soft towels
- 2 large blocks
- 2 pots
- 2 resealable sandwich bags with different amount of rice inside
- 2 small blocks
- 20 marbles to use as informal units
- 3 cups
- 3 cut-up pieces from a second identical straw
- 3 pencils that vary in length
- 3 pom-poms that vary in size
- 3 small boxes, each with a different volume
- 5 number cubes
- 50 cotton balls to use as informal units
- 6 counters
- 6 crayons
- 6 erasers
- 6 markers
- 6 paperclips
- 6 socks
- 7 checkers all of the same color
- 8 pom-poms
- cubes to measure volume
- food coloring
- pennies to measure mass
- water

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

- 1 equal to sign
- 1 greater than sign
- 1 heart divided into halves
- 1 heavy object
- 1 large container
- 1 less than sign
- 1 light object
- 1 line
- 1 line segment
- 1 nickel
- 1 number symbol
- 1 object about 2 times the size of the small object
- 1 object about 3 times the size of the small object
- 1 object about 8 times the size of the small object
- 1 oval divided into 2 unequal parts
- 1 oval divided into 3 unequal parts
- 1 oval divided into halves
- 1 penny
- 1 pentagon divided into 2 unequal parts
- 1 pentagon divided into 3 unequal parts
- 1 pentagon divided into halves
- 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 sixths
- 1 rectangle divided into thirds
- 1 rectangle measuring 1 x 2
- 1 rectangle measuring 3 x 1
- 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 $\frac{4}{4}$

- 1 rectangle representing $\frac{4}{6}$
- 1 rectangle representing $\frac{4}{8}$
- 1 rectangle representing $\frac{5}{6}$
- 1 rectangle representing $\frac{6}{6}$
- 1 rectangle representing $\frac{9}{10}$
- 1 rectangle with a tactile border
- 1 rectangle with discernible square units measuring 10×5
- 1 rectangle with discernible square units measuring 3×4
- 1 rectangle with discernible square units measuring 4×2
- 1 rectangle with discernible square units measuring 4×3 with 3 square units missing
- 1 rectangle with discernible square units measuring 5×3
- 1 rectangle with discernible square units measuring 5×4
- 1 rectangle with discernible square units measuring 6×4
- 1 rhombus
- 1 round object
- 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 halves
- 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 $\frac{1}{3}$
- 1 square representing $\frac{1}{4}$
- 1 square representing $\frac{2}{2}$
- 1 square representing $\frac{2}{4}$
- 1 square representing $\frac{3}{3}$
- 1 square representing $\frac{3}{4}$
- 1 square representing $\frac{3}{8}$
- 1 square representing $\frac{4}{4}$
- 1 square representing eighths
- 1 square representing thirds
- 1 square with a tactile border
- 1 subtraction sign
- 1 tactile material to create dotted lines
- 1 tactile material to create groups

- 1 tactile picture graph
- 1 ten-cup container
- 1 triangle divided into halves
- 1 triangular object
- 1 two-cup container
- 1 two-ounce object
- 1 two-pound object
- 1 wavy line
- 1 whole object and 2 parts of an identical object
- 1 whole rectangle divided into 2 equal parts
- 1/6 of a rectangle
- 14 tens
- 19 object Bs
- 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 squares divided into 2 unequal parts
- 2 tactile bar graphs
- 3 congruent half circles
- 3 obtuse angles
- 3 right angles
- 3 small circles
- 3 tactile analog clocks
- 30 object As
- 30 ones
- 35 stackable objects
- 4 pentagons
- 48 identical objects
- 6 identical containers
- 6 non-money objects
- 6 object Cs
- 6 squares
- 7 circles
- 8 tactile digital clocks
- 9 small triangles
- tactile letters and numbers

Common Materials Used to Administer Testlets for Grade 5

- 1 baseball
- 1 basketball
- 1 big index card
- 1 container (one foot or longer)
- 1 crayon (less than a foot long)
- 1 domino
- 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 basket
- 1 large metal spoon
- 1 picture book (less than a pound)
- 1 ribbon (one foot or longer)
- 1 rubber band (or piece of string)
- 1 ruler (or tape measure)
- 1 scale
- 1 small box
- 1 small index card
- 1 small metal spoon
- 1 small white plastic spoon
- 1 sponge
- 1 tennis ball
- 1 text book (one pound or heavier)
- 1 towel
- 1 yardstick (or tape measure)
- 2 identical 12-count boxes of pencils
- 2 identical 12-count packs of pens
- 2 identical books
- 2 identical cards
- 2 identical cups
- 2 identical erasers
- 2 identical folders
- 2 identical glue sticks
- 2 identical markers

- 2 long paintbrushes
- 2 plastic cups
- 2 short paintbrushes
- 3 erasers that vary in size
- 3 objects used to conceal the other objects
- 3 plates
- 4 different fruits or vegetables
- 5 blocks
- 5 checkers
- 5 connecting cubes
- 5 crayons
- 5 paintbrushes
- 6 clothespins
- 6 cups
- 6 envelopes
- 6 erasers
- 7 colored pencils
- 7 craft sticks
- 7 interlocking blocks
- 7 number cubes
- 8 markers
- 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 bundled set of 10 identical object As
- 1 circle divided into 10 equal parts
- 1 circle divided into 2 unequal parts with 1 part shaded
- 1 circle divided into 8 equal 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 $\frac{1}{8}$
- 1 circle representing $\frac{10}{10}$
- 1 circle representing $\frac{2}{3}$
- 1 circle representing $\frac{2}{8}$
- 1 circle representing $\frac{3}{10}$
- 1 circle representing $\frac{3}{3}$
- 1 circle representing $\frac{3}{4}$
- 1 circle representing $\frac{5}{10}$
- 1 circle representing $\frac{7}{10}$
- 1 circle representing $\frac{9}{10}$
- 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 hundred
- 1 isosceles triangle
- 1 large cone
- 1 large cube
- 1 large cylinder
- 1 large pentagon
- 1 large rectangle
- 1 large sphere

- 1 less than sign
- 1 medium pentagon
- 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 pentagon divided into 2 unequal parts
- 1 pentagon divided into 3 unequal parts
- 1 pentagon divided into halves
- 1 pyramid
- 1 quarter
- 1 rectangle divided into 10 equal parts
- 1 rectangle divided into 3 unequal parts
- 1 rectangle divided into 4 unequal parts
- 1 rectangle divided into 6 equal parts
- 1 rectangle divided into fourths
- 1 rectangle divided into halves
- 1 rectangle divided into thirds
- 1 rectangle representing $\frac{1}{10}$
- 1 rectangle representing $\frac{1}{2}$
- 1 rectangle representing $\frac{1}{3}$
- 1 rectangle representing $\frac{1}{4}$
- 1 rectangle representing $\frac{1}{6}$
- 1 rectangle representing $\frac{10}{10}$
- 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 $\frac{3}{3}$
- 1 rectangle representing $\frac{3}{4}$
- 1 rectangle representing $\frac{3}{8}$
- 1 rectangle representing $\frac{4}{10}$
- 1 rectangle representing $\frac{5}{10}$
- 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 x 2 x 1
- 1 rectangular prism measuring 3 x 2 x 2
- 1 rectangular prism measuring 3 x 2 x 4
- 1 rectangular prism measuring 4 x 2 x 6
- 1 rectangular prism measuring 4 x 3 x 5
- 1 rectangular prism measuring 5 x 3 x 2
- 1 rectangular prism with discernible cubic units measuring 2 x 1 x 2
- 1 rectangular prism with discernible cubic units measuring 3 x 1 x 1
- 1 rectangular prism with discernible cubic units measuring 3 x 1 x 2
- 1 rectangular prism with discernible cubic units measuring 4 x 1 x 1
- 1 rectangular prism with discernible cubic units measuring 4 x 1 x 2
- 1 rhombus
- 1 six-inch object
- 1 six-pound object
- 1 small cube
- 1 small cylinder
- 1 small pentagon
- 1 small rectangle
- 1 small right triangle
- 1 small sphere
- 1 square divided into 10 equal parts
- 1 square divided into 2 unequal parts
- 1 square divided into 3 unequal parts
- 1 square divided into 8 equal parts
- 1 square divided into fourths
- 1 square divided into halves
- 1 square representing $\frac{1}{2}$
- 1 square representing $\frac{1}{3}$
- 1 square representing $\frac{1}{4}$
- 1 square representing $\frac{1}{8}$
- 1 square representing $\frac{2}{4}$
- 1 square representing $\frac{3}{4}$
- 1 tactile material to create groups
- 1 tactile table
- 1 thousand
- 1 three-inch object
- 1 triangle divided into 2 unequal parts
- 1 triangle divided into 3 unequal parts
- 1 triangle divided into halves
- 1 triangular prism
- 1 twelve-pound object

- 10 pennies
- 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 rectangles
- 2 congruent squares
- 2 congruent stars
- 2 congruent trapezoids
- 2 congruent triangles
- 2 identical cylinders
- 2 identical rectangular prisms
- 2 large squares
- 2 medium rectangles
- 2 medium squares
- 2 small congruent cones
- 2 small squares
- 2 small triangles
- 2 squares divided into 4 unequal parts
- 2 tactile digital clocks
- 21 ones
- 22 tens
- 3 containers with 4 compartments each
- 3 heavy objects
- 3 light objects
- 3 long object As
- 3 medium circles
- 3 medium length object As
- 3 medium-height objects
- 3 medium-weight objects
- 3 short object As
- 3 tactile analog clocks
- 3 tactile bar graphs
- 3 tactile number lines
- 3 tactile picture graphs
- 3 tall objects
- 30 connecting cubes
- 32 identical objects
- 34 blocks
- 4 containers with 10 compartments each

- 4 containers with 8 compartments each
- 4 hexagons of varying sizes
- 4 tactile line plots
- 42 object As
- 5 large circles
- 5 nickels
- 6 large triangles
- 6 medium equilateral triangles
- 6 non-money objects
- 6 small circles
- 7 dimes
- 7 object Bs

Common Materials Used to Administer Testlets for Grade 6

- 1 bowl
- 1 clear bag
- 1 empty box of tea bags
- 1 empty shoe box
- 1 empty tissue box
- 1 index card cut in parts
- 1 large container
- 1 paper plate cut in parts
- 1 rubber band (or piece of string)
- 1 whole paper plate
- 12 connecting cubes
- 2 dry sponges varying in size
- 2 identical 12-count boxes of colored pencils
- 2 identical 12-count packs of pens
- 2 large blocks
- 2 packs of gum
- 2 plastic cups
- 2 small blocks
- 2 wet sponges varying in size
- 200 one-inch unit cubes
- 3 empty rectangular containers of any size
- 3 pencils that vary in length
- 3 pieces of string that vary in length
- 4 markers
- 5 cups
- 5 game cards
- 6 glue sticks
- 7 erasers
- 7 index cards
- 7 paintbrushes
- 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 3 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 $\frac{3}{4}$
- 1 circle representing $\frac{8}{10}$
- 1 container with 10 compartments
- 1 container with 4 compartments
- 1 continuous substance
- 1 pentagon divided into 2 unequal parts
- 1 pentagon divided into halves
- 1 rectangle divided into 3 unequal parts
- 1 rectangle divided into fourths
- 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 2×6
- 1 rectangle with discernible square units measuring 3×4
- 1 rectangle with discernible square units measuring 4×5
- 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 measuring 1×1
- 1 square measuring 2×2
- 1 square measuring 5×5
- 1 square representing $\frac{1}{4}$
- 1 square representing $\frac{3}{4}$
- 1 square with discernible square units measuring 3×3
- 1 tactile material to create groups
- 2 circles cut into 2 unequal parts
- 2 circles divided into 4 unequal parts
- 2 rectangles divided into 2 unequal parts
- 2 rectangles divided into 4 unequal parts
- 2 squares representing $\frac{1}{2}$
- 2 subtraction signs
- 2 tactile line plots
- 3 containers with 3 compartments each
- 3 equals signs
- 3 tactile line graphs
- 3 tactile number lines
- 3 tactile thermometers
- 36 object As
- 4 addition signs
- 6 identical containers
- 6 object Bs
- 6 tactile bar graphs

Common Materials Used to Administer Testlets for Grade 7

- 1 calculator
- 1 empty container
- 1 full container
- 1 large hard ball
- 1 large shirt without buttons
- 1 large sleeved shirt
- 1 large soft ball
- 1 long pencil
- 1 rubber band (or piece of string)
- 1 ruler
- 1 short pencil
- 1 small hard ball
- 1 small shirt with buttons
- 1 small shirt without buttons
- 1 small sleeved shirt
- 1 small sleeveless shirt
- 2 dry sponges
- 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 erasers
- 2 identical highlighters familiar to the student
- 2 identical notebooks
- 2 identical notecards
- 2 large blocks
- 2 large circles
- 2 round blocks
- 2 small blocks
- 2 small circles
- 2 square blocks
- 2 wet sponges
- 3 containers that vary in size
- 3 pencils that vary in length
- 3 ribbons that vary in length
- 3 strings that vary in length
- 5 notebooks
- 5 paintbrushes

- 5 paper cups
- 5 sponges
- 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 arrow
- 1 circle representing $\frac{1}{3}$
- 1 circle representing $\frac{1}{4}$
- 1 circle representing $\frac{2}{3}$
- 1 circle representing $\frac{2}{4}$
- 1 circle representing $\frac{3}{3}$
- 1 circle representing $\frac{3}{4}$
- 1 circle representing $\frac{4}{4}$
- 1 container with 2 compartments
- 1 container with 5 compartments
- 1 container with 8 compartments
- 1 curved line segment
- 1 equal to sign
- 1 greater than sign
- 1 heart-shaped block
- 1 hexagon
- 1 large circle
- 1 large cone
- 1 large cube
- 1 large cylinder
- 1 large equilateral triangle
- 1 large pentagon
- 1 large pyramid
- 1 large rectangular prism
- 1 large square
- 1 less than sign
- 1 line
- 1 line segment
- 1 medium isosceles triangle
- 1 medium parallelogram
- 1 medium pentagon
- 1 medium rhombus
- 1 medium right triangle
- 1 medium scalene triangle
- 1 medium square
- 1 medium trapezoid
- 1 medium triangular block
- 1 object D

- 1 object of type I
- 1 oval
- 1 point
- 1 ray
- 1 rectangle divided into 2 unequal parts
- 1 rectangle divided into fourths
- 1 rectangle divided into halves
- 1 rectangle measuring 3 x 4
- 1 rectangle measuring 4 x 2
- 1 rectangle measuring 5 x 10
- 1 rectangle measuring 7 x 3
- 1 rectangle with discernable square units measuring 4 x 5
- 1 rectangle with discernible square units measuring 3 x 2
- 1 six-sided number cube
- 1 small circle
- 1 small cone
- 1 small equilateral triangle
- 1 small parallelogram
- 1 small pentagon
- 1 small rectangle
- 1 small square
- 1 small square block
- 1 small trapezoid
- 1 small triangular prism
- 1 square measuring 2 x 2
- 1 square with discernable square units measuring 5 x 5
- 1 square with discernible square units measuring 3 x 3
- 1 straight angle
- 1 tactile line plot
- 1 tactile material to create groups
- 1 tactile number line
- 1 tactile picture graph
- 1 tactile spinner
- 1 wavy line
- 11 object Bs
- 2 acute angles
- 2 congruent circles
- 2 congruent cones
- 2 congruent cubes
- 2 congruent cylinders
- 2 congruent rectangles

- 2 congruent rectangular prisms
- 2 congruent right triangles
- 2 large triangular blocks
- 2 medium equilateral triangles
- 2 medium rectangles
- 2 object Cs
- 2 object Es
- 2 object Fs
- 2 object Gs
- 2 objects of type H
- 2 objects without the measurable attribute of height
- 2 obtuse angles
- 2 rectangles divided into 4 unequal parts
- 2 rectangular blocks
- 2 right angles
- 2 small cubes
- 2 small cylinders
- 2 small pyramids
- 2 small rectangular prisms
- 2 small spheres
- 2 subtraction signs
- 3 containers with 10 compartments each
- 3 containers with 3 compartments each
- 3 containers with 4 compartments each
- 3 large square blocks
- 3 tactile coordinate grids
- 4 addition signs
- 48 object As
- 5 large circular blocks
- 5 number cubes
- 5 squares
- 5 tactile bar graphs
- 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 key ring
- 1 large circle
- 1 large closed box
- 1 large eraser
- 1 large open box
- 1 large paper plate
- 1 large square
- 1 long pencil
- 1 short pencil
- 1 small circle
- 1 small eraser
- 1 small open box
- 1 small paper plate
- 1 small porcelain plate
- 1 small square
- 1 wet sponge
- 2 closed containers
- 2 connecting cubes
- 2 dry paper towels
- 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 pencils
- 2 large rectangles
- 2 metal spoons varying in size
- 2 pattern blocks
- 2 plastic spoons varying in size
- 2 small rectangles
- 2 wet paper towels
- 3 bowls
- 3 circles that vary in size
- 3 crayons that vary in length
- 3 number cubes

- 3 triangles that vary in size
- 5 keys
- 5 paint brushes
- 5 pens
- 6 crayons
- 6 pencils
- 7 erasers
- 8 markers
- 8 small paper cups
- 9 pom-poms

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

- 1 angle measuring 10 degrees
- 1 angle measuring 20 degrees
- 1 angle measuring 50 degrees
- 1 angle measuring 60 degrees
- 1 angle measuring 70 degrees
- 1 angle measuring 80 degrees
- 1 arc
- 1 circle divided into thirds
- 1 circle representing $\frac{1}{2}$
- 1 circle representing $\frac{1}{3}$
- 1 circle representing $\frac{6}{8}$
- 1 container with 4 compartments
- 1 container with 5 compartments
- 1 container with 6 compartments
- 1 container with 8 compartments
- 1 curved ray
- 1 dollar sign
- 1 greater than sign
- 1 large circle
- 1 large cone
- 1 large equilateral triangle
- 1 large hexagon
- 1 large parallelogram
- 1 large rectangular prism
- 1 large rhombus
- 1 large right isosceles triangle
- 1 large square
- 1 less than sign
- 1 line
- 1 line segment
- 1 medium octagon
- 1 medium parallelogram
- 1 medium rectangle
- 1 medium rhombus
- 1 medium square
- 1 obtuse angle
- 1 pair of adjacent angles forming an acute angle
- 1 pair of supplementary angles

- 1 pentagon
- 1 point
- 1 ray
- 1 rectangle measuring 12 x 9
- 1 rectangle measuring 18 x 9
- 1 rectangle measuring 3 x 4
- 1 rectangle measuring 3 x 7
- 1 rectangle measuring 4 x 2
- 1 rectangle measuring 6 x 3
- 1 rectangle measuring 6 x 5
- 1 rectangle measuring 6 x 7
- 1 rectangle representing $\frac{3}{4}$
- 1 rectangle representing $\frac{4}{8}$
- 1 rectangle representing $\frac{6}{8}$
- 1 rectangle representing $\frac{8}{8}$
- 1 rectangular prism measuring 3 x 3 x 6
- 1 rectangular prism measuring 3 x 4 x 8
- 1 rectangular prism measuring 6 x 10 x 5
- 1 rectangular prism measuring 9 x 6 x 8
- 1 set of 30 identical objects
- 1 set of 40 objects
- 1 set of objects which contains 1 whole object and 2 parts of an identical object
- 1 small circle
- 1 small cube
- 1 small cylinder
- 1 small ellipse
- 1 small equilateral triangle
- 1 small pyramid
- 1 small rectangle
- 1 small rhombus
- 1 small similar cone
- 1 small similar parallelogram
- 1 small similar rectangular prism
- 1 small trapezoid
- 1 small triangular prism
- 1 square divided into fourths
- 1 square measuring 6 x 6
- 1 tactile material to create groups
- 2 angles measuring 30 degrees
- 2 angles measuring 40 degrees
- 2 arrows

- 2 circles divided into 3 unequal parts
- 2 circles representing $\frac{2}{8}$
- 2 circles representing $\frac{4}{8}$
- 2 congruent asymmetrical shapes
- 2 congruent equilateral triangles
- 2 congruent hearts
- 2 congruent medium ellipses
- 2 congruent stars
- 2 large congruent ellipses
- 2 large congruent rectangles
- 2 large congruent trapezoids
- 2 large identical right triangles
- 2 medium congruent circles
- 2 medium congruent isosceles triangles
- 2 rectangles representing $\frac{1}{4}$
- 2 rectangles representing $\frac{2}{4}$
- 2 rectangles representing $\frac{2}{8}$
- 2 right angles
- 2 sets of objects where each set contains 1 whole object and 1 part of an identical object
- 2 small congruent squares
- 2 squares divided into 4 unequal parts
- 2 subtraction signs
- 3 congruent medium hexagons
- 3 containers with 10 compartments
- 3 equals signs
- 3 medium congruent right scalene triangles
- 3 tactile bar graphs
- 3 tactile function graphs
- 3 tactile function tables
- 3 tactile line plots
- 3 tactile picture graphs
- 3 tactile tally charts
- 36 object As
- 4 addition signs
- 4 containers with 10 compartments each
- 4 tactile coordinate planes
- 6 medium identical right triangles
- 6 tactile tables

Common Materials Used to Administer Testlets for High School

- 1 binder
- 1 bottle
- 1 large container
- 1 large paper cup
- 1 large paper plate
- 1 long pencil
- 1 plastic turtle
- 1 rubber band (or piece of string)
- 1 short pencil
- 1 small ceramic plate
- 1 small paper plate
- 1 soft bunny
- 1 wet sponge
- 1 yardstick
- 2 bent straws varying in size
- 2 calculators
- 2 closed boxes
- 2 crumpled pieces of paper
- 2 cubes
- 2 empty jars varying in size
- 2 full jars varying in size
- 2 identical 6-count packs of glue sticks
- 2 identical balls
- 2 identical blocks
- 2 identical bowls
- 2 identical craft sticks
- 2 identical dry sponges
- 2 identical envelopes
- 2 identical erasers
- 2 identical highlighters
- 2 identical keys
- 2 identical notebooks
- 2 identical pencils
- 2 identical plates
- 2 identical small paper cups
- 2 identical spoons
- 2 long rulers
- 2 open boxes
- 2 pattern blocks

- 2 short rulers
- 2 smooth pieces of paper
- 2 straight pipe cleaners varying in length
- 2 straight straws varying in size
- 2 zigzag pipe cleaners varying in length
- 3 buttons
- 3 cards
- 3 colored pencils
- 3 cotton swabs
- 3 cups that vary in size
- 3 gloves
- 3 number cubes
- 3 pencils that vary in length
- 3 pom-poms that vary in size
- 3 spoons
- 3 strips of paper that vary in length
- 5 books
- 5 tiles
- 6 dominoes
- 6 erasers
- 6 markers
- 6 pencils
- 6 pens
- 7 checkers
- 7 cotton balls
- 7 folders
- 7 keys
- 7 rulers
- 8 blocks
- 8 crayons
- 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 cone net
- 1 cube net
- 1 cylinder net
- 1 cylindrical object
- 1 hundred
- 1 large circle
- 1 large cylinder
- 1 large hexagon
- 1 large isosceles triangle
- 1 large oval
- 1 large pentagon
- 1 large similar equilateral triangle
- 1 large similar right scalene triangle
- 1 large similar trapezoid
- 1 line
- 1 line segment
- 1 medium circle
- 1 medium cube
- 1 medium equilateral triangle
- 1 medium hexagon
- 1 medium pyramid
- 1 medium similar cylinder
- 1 medium square
- 1 number cube
- 1 object with the measurable attribute of weight
- 1 object with the measurable attributes of circumference and weight
- 1 obtuse angle
- 1 octagon
- 1 point
- 1 ray
- 1 rectangle divided into triangular halves
- 1 rectangle measuring 3 x 4
- 1 rectangle measuring 4 x 6
- 1 rectangle measuring 6 x 10
- 1 rectangle measuring 6 x 12

- 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 rectangular prism net
- 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 equilateral triangle
- 1 small hexagon
- 1 small isosceles triangle
- 1 small oval
- 1 small rhombus
- 1 small similar pentagon
- 1 small similar right scalene triangle
- 1 small trapezoid
- 1 sphere
- 1 square measuring 3 units x 3 units
- 1 tactile material to create groups
- 1 thousand
- 1 triangular prism net
- 13 long, thin rectangular prisms
- 16 small congruent squares
- 18 congruent equilateral triangles
- 18 ones
- 2 congruent cones
- 2 congruent cylinders
- 2 congruent parallelograms
- 2 congruent rhombi
- 2 four-inch craft sticks
- 2 medium congruent right scalene triangles
- 2 sets of non-perpendicular intersecting lines
- 2 similar hexagons

- 2 small congruent circles
- 2 small congruent hearts
- 2 small congruent right triangles
- 2 small congruent stars
- 2 small cylinders
- 2 small rectangles
- 2 tactile coordinate grids
- 2 tactile line plots
- 3 congruent right triangles
- 3 division signs
- 3 large congruent squares
- 3 multiplication signs
- 3 subtraction signs
- 3 tactile coordinate planes
- 3 tactile line graphs
- 3 tactile picture graphs
- 3 tactile pie charts
- 3 tactile spinners
- 3 tens
- 3 trapezoids
- 39 object As
- 4 addition signs
- 4 greater/less than signs
- 4 large congruent rectangles
- 4 six-inch craft sticks
- 4 tactile function tables
- 5 tactile bar graphs
- 6 tactile number lines
- 65 objects
- 7 tactile function graphs
- 8 long congruent rectangles
- tactile letters and numbers