



MATHEMATICS MATERIALS COLLECTIONS

2026–2027 INSTRUCTIONALLY EMBEDDED MODEL FALL WINDOW

The 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 may find appropriate substitutions. For more information about substituting materials, see the TEST ADMINISTRATION MANUAL sections titled Prepare to Administer a Testlet and Teacher-Administered Testlets.

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. This gives teachers the ability to identify some 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. That way, the most useful materials are familiar to the student and available before the teacher begins assigning testlets in the Instruction and Assessment Planner.

To give test administrators more opportunities to prepare for the mathematics alternate assessment prior to the opening of the assessment window, DLM staff have compiled a list of materials commonly needed in mathematics testlets. 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 possible substitutions are found in Table 1.

- Material substitutions are listed for individual testlets on the corresponding TIP.
- First and foremost, your student's safety should be the primary concern when choosing materials or substitutions.

Table 1

Example Mathematic Substitution Materials

Example Materials Description	Possible Substitution
Two sets of identical objects packaged together (packs of crayons, pencils, or 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. Some mathematics testlets are special forms designed for students who are blind or have visual impairments, while others are general testlets that have been adapted to make them more accessible.

COMMON MATERIALS USED TO ADMINISTER TESTLETS FOR GRADE 3

- 1 binder
- 1 folder
- 1 large bowl
- 1 large closed box
- 1 notebook (less than 1 foot long)
- 1 number 1 card
- 1 number 10 card
- 1 number 25 card
- 1 number 30 card
- 1 piece of chart paper (1 foot or longer)
- 1 piece of construction paper
- 1 ribbon
- 1 rubber band (or piece of string)
- 1 string (1 foot or longer)
- 1 tissue box
- 1 yardstick
- 2 baskets
- 2 fraction pizzas
- 2 identical 10-count packs of markers
- 2 identical buttons
- 2 identical markers with easily removable lids
- 2 small boxes of which 1 is open and 1 is closed
- 3 blocks
- 5 books
- 5 cards
- 5 glue sticks
- 6 craft sticks
- 6 sponges
- 7 colored pencils
- 7 paper bowls
- 7 pencils of which at least 2 are identical, 1 is long, and 1 is short
- 7 rulers
- 8 cups of which at least 2 are clear, 1 is large, and 1 is small
- 8 erasers of which at least 1 is less than 1 foot long
- 9 crayons of which at least 2 are identical
- 10 connecting cubes

- 30 counter chips
- 30 unit cubes
- dominoes to measure length (enough to measure either the ribbon or binder, whichever is longer)
- unit cubes to measure length (enough to measure either the notebook or construction paper, whichever is longer)

COMMON MATERIALS USED TO ADMINISTER TESTLETS FOR GRADE 3 STUDENTS WHO ARE BLIND OR HAVE VISUAL IMPAIRMENTS

- 1 addition symbol
- 1 circle divided into 3 unequal parts
- 1 circle divided into fourths
- 1 circle divided into thirds
- 1 circle divided into thirds with 1 part missing
- 1 circle representing $\frac{1}{3}$
- 1 circle representing $\frac{1}{4}$
- 1 circle representing $\frac{2}{4}$
- 1 circle representing $\frac{3}{4}$
- 1 circle representing $\frac{3}{6}$
- 1 circle representing $\frac{4}{4}$
- 1 continuous substance
- 1 eight-inch object
- 1 equal sign
- 1 five-inch object
- 1 four-inch object
- 1 heart
- 1 heart divided into halves
- 1 hexagon
- 1 hundreds block
- 1 large rhombus
- 1 large triangle divided into parts
- 1 medium isosceles triangle
- 1 object with the measurable attribute of length but not area or weight
- 1 oval
- 1 parallelogram
- 1 part of a different object
- 1 rectangle divided into 2 equal rows and 2 equal columns
- 1 rectangle divided into 2 equal rows and 2 unequal columns
- 1 rectangle divided into 2 equal rows and 4 unequal columns
- 1 rectangle divided into 2 unequal parts
- 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 $\frac{3}{4}$
- 1 rectangle representing $\frac{6}{8}$
- 1 seven-inch object
- 1 short object C
- 1 six-inch object
- 1 small rectangle
- 1 square divided into halves
- 1 square representing $\frac{1}{1}$
- 1 square representing $\frac{1}{2}$
- 1 square representing $\frac{1}{4}$
- 1 square representing $\frac{2}{2}$
- 1 square representing $\frac{2}{3}$
- 1 square representing $\frac{3}{4}$
- 1 square representing $\frac{4}{4}$
- 1 star
- 1 subtraction symbol
- 1 tactile bar graph
- 1 tactile material to create groups
- 1 tactile number chart
- 1 tactile picture graph
- 1 ten-inch object
- 1 thousands cube
- 1 three-inch object
- 1 trapezoid
- 1 triangle divided into halves
- 1 two-inch object
- 2 circles divided into 2 unequal parts
- 2 congruent circles divided into halves
- 2 object Ds of which 1 is long and 1 is short
- 2 rectangles divided into 4 unequal parts
- 2 right triangles of which 1 is large and 1 is medium
- 2 sets of objects where each set contains 1 whole object and 1 part of an identical object
- 2 squares divided into unequal parts
- 3 large rectangles of which 2 are congruent and 1 is large
- 3 medium congruent rectangles
- 3 medium congruent squares

- 3 small squares
- 3 tactile rulers
- 4 containers of which 2 are large, 1 has 5 compartments, and 1 has 8 compartments
- 4 large squares of which at least 2 are congruent and 1 is divided into parts
- 6 pairs of identical objects that represent 3 common, everyday patterns (i.e., 2 pairs of objects for each pattern)
- 6 ten-dollar bills
- 7 object Bs of which at least 1 is long and 1 is short
- 8 dimes
- 9 circles of which 3 are large & congruent, 3 are medium & congruent, and 3 are small & congruent
- 9 equilateral triangles of which 3 are large & congruent, 3 are medium & congruent, and 3 are small & congruent
- 12 tactile digital clocks
- 13 tens
- 18 ones
- 36 object As of which at least 1 is long and 1 is short
- 77 objects of which at least 24 are identical
- tactile numbers

COMMON MATERIALS USED TO ADMINISTER TESTLETS FOR GRADE 4

- 1 balance scale
- 1 box of crayons
- 1 clear 4-cup measuring cup with the number of cups clearly marked
- 1 folder
- 1 half-gallon pitcher
- 1 large plate
- 1 notebook
- 1 piece of chalk
- 1 piece of paper in parts
- 1 piece of sandpaper
- 1 rubber band (or piece of string)
- 1 small empty cup
- 1 small plate
- 1 whole piece of paper
- 2 books of which 1 is thin and 1 is thick
- 2 envelopes of which 1 is whole and 1 is in parts
- 2 identical chenille stems
- 2 identical cups
- 2 identical gloves
- 2 identical long pencils
- 2 identical pieces of brown construction paper
- 2 identical pieces of paper
- 2 index cards of which 1 is whole and 1 is in parts
- 2 large cups
- 2 paper cups of which 1 is whole and 1 is in parts
- 2 paper plates of which 1 is whole and 1 is in parts
- 2 ribbons of which 1 is whole and 1 is in parts
- 2 sharpened pencils of which 1 is long and 1 is short
- 2 shoeboxes
- 2 short pencils
- 2 unsharpened pencils of which at least 1 is long
- 3 boxes of which 1 is large, 1 is medium, and 1 is small
- 3 chenille stems that vary in length
- 4 pieces of string of which 2 are long and 2 are short
- 5 cubes of which at least 2 are identical
- 5 rulers

- 6 craft sticks of which at least 3 vary in length
- 6 crayons
- 6 number cubes
- 6 pencils
- 6 pom-poms
- 7 blocks of which at least 2 are identical
- 7 checkers
- 7 colored pencils
- 7 connecting cubes
- 7 cotton swabs
- 7 erasers
- 8 counter chips
- 8 dominoes
- 8 glue sticks of which at least 2 are identical
- 8 markers
- connecting cubes to measure volume
- dominoes to measure mass
- enough counter chips to fill 1 large cup
- food coloring
- water to fill a half gallon pitcher

COMMON MATERIALS USED TO ADMINISTER TESTLETS FOR GRADE 4 STUDENTS WHO ARE BLIND OR HAVE VISUAL IMPAIRMENTS

- 1 arc
- 1 circle divided into 2 unequal parts
- 1 circle divided into 2 unequal parts with 1 part missing
- 1 circle divided into 3 unequal parts
- 1 circle divided into 4 unequal parts with 1 part indicated
- 1 circle divided into fourths
- 1 circle divided into sixths
- 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 $\frac{1}{5}$
- 1 circle representing $\frac{2}{2}$
- 1 circle representing $\frac{2}{4}$
- 1 circle representing $\frac{3}{10}$
- 1 circle representing $\frac{3}{3}$
- 1 circle representing $\frac{3}{4}$
- 1 circle representing $\frac{4}{4}$
- 1 circle representing $\frac{4}{8}$
- 1 container about 2 times the size of the small container
- 1 container about 20 times the size of the small container
- 1 container of 7 object As
- 1 continuous substance
- 1 coordinate grid
- 1 curved line segment
- 1 ellipse
- 1 equilateral triangle divided into 2 unequal parts
- 1 half circle
- 1 half heart
- 1 heart divided into 2 unequal parts with 1 part missing
- 1 hexagon divided into halves
- 1 hundred
- 1 large circle divided into halves
- 1 line
- 1 line segment

- 1 long rectangle divided into fourths
- 1 nickel
- 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 4 times the size of the small object
- 1 object about 8 times the size of the small object
- 1 object with a weight less than 5 cube weights
- 1 object with a weight more than 3 cube weights
- 1 one-dollar bill
- 1 parallelogram
- 1 penny
- 1 quarter
- 1 ray
- 1 rectangle divided into 2 equal columns and 2 equal rows with 1 part indicated
- 1 rectangle divided into 2 equal columns and 2 equal rows with 2 parts indicated
- 1 rectangle divided into 2 equal columns and 2 equal rows with 3 parts indicated
- 1 rectangle divided into 2 equal columns and 2 unequal rows with 3 parts indicated
- 1 rectangle divided into 2 equal rows and 3 equal columns
- 1 rectangle divided into 2 equal rows and 4 equal columns
- 1 rectangle divided into 2 unequal columns and 2 unequal rows with 2 parts indicated
- 1 rectangle divided into 2 unequal parts
- 1 rectangle divided into 2 unequal rows and 4 equal columns
- 1 rectangle divided into 3 equal columns and 2 equal rows with 2 parts indicated
- 1 rectangle divided into 4 equal columns
- 1 rectangle divided into 4 unequal columns
- 1 rectangle divided into 5 equal columns
- 1 rectangle divided into halves
- 1 rectangle divided into thirds
- 1 rectangle representing $\frac{1}{10}$
- 1 rectangle representing $\frac{1}{12}$
- 1 rectangle representing $\frac{1}{3}$
- 1 rectangle representing $\frac{1}{4}$
- 1 rectangle representing $\frac{1}{8}$
- 1 rectangle representing $\frac{12}{12}$
- 1 rectangle representing $\frac{2}{10}$
- 1 rectangle representing $\frac{3}{10}$
- 1 rectangle representing $\frac{3}{4}$

- 1 rectangle representing $\frac{4}{4}$
- 1 rectangle representing $\frac{4}{6}$
- 1 rectangle representing $\frac{4}{8}$
- 1 rectangle representing $\frac{6}{12}$
- 1 rectangle with discernible square units measuring 3×4
- 1 rectangle with discernible square units measuring 3×2
- 1 rectangle with discernible square units measuring 3×6
- 1 rectangle with discernible square units measuring 3×7
- 1 rectangle with discernible square units measuring 5×3
- 1 rectangle with discernible square units measuring 6×2
- 1 set of 10 different objects (objects A–J)
- 1 set of 6 assorted coins
- 1 set of non-touching lines in a downward V-shape
- 1 set of parallel line segments
- 1 small container
- 1 small object
- 1 square divided 4 unequal parts
- 1 square divided into 2 congruent right triangles
- 1 square divided into 3 unequal parts
- 1 square divided into fourths
- 1 square divided into thirds
- 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 $\frac{3}{8}$
- 1 square with discernible square units measuring 4×4
- 1 square with discernible square units measuring 5×5
- 1 tactile equals sign
- 1 tactile line graph
- 1 tactile material to create groups
- 1 tactile multiplication sign
- 1 tactile number line
- 1 tactile picture graph
- 1 tactile point
- 1 tactile subtraction sign

- 1 whole heart
- 1 whole hexagon
- 2 circles representing tenths
- 2 inequality signs
- 2 parts of different objects
- 2 rectangular-shaped objects
- 2 sets of intersecting line segments (1 of which is perpendicular)
- 2 sets of intersecting lines (1 of which is perpendicular)
- 2 sets of parallel lines
- 2 squares divided into unequal parts
- 2 tactile bar graphs
- 3 balance scales
- 3 identical objects with a weight equal to 5 cube weights
- 3 obtuse angles
- 3 pentagons of which 2 are congruent & whole and 1 is divided into 2 equal parts
- 3 rectangles of which 1 is long, 1 is short, and 1 is wide
- 3 right angles
- 3 tactile digital clocks
- 4 sets of 6 or more similar objects (Set A, Set B, Set C, and Set D)
- 4 ten-dollar bills
- 5 dimes
- 5 rhombi of which 4 are whole and 1 is divided into halves
- 5 trapezoids of which at least 3 are congruent & whole and 1 is divided into 2 unequal triangles
- 6 identical containers
- 6 sets of 2 or more identical objects (Set A objects, Set B objects, Set C objects, Set D objects, Set E objects, and Set F objects)
- 6 small identical objects
- 6 squares of which at least 2 are congruent
- 6 tactile analog clocks
- 6 triangles of which at least 3 are congruent & equilateral
- 7 acute angles of which at least 2 are congruent and at least 1 is different
- 7 circles of which at least 1 is large and 2 are small & congruent
- 7 object Cs
- 13 tens
- 14 cube weights
- 14 identical object Bs of which 13 are whole and 1 is in parts

- 19 ones
- 37 object As of which at least 10 are identical
- tactile letters of which at least 1 is A and 1 is B

COMMON MATERIALS USED TO ADMINISTER TESTLETS FOR GRADE 5

- 1 basket
- 1 pencil box
- 1 piece of yarn (2 feet long or longer)
- 1 plastic bottle (1 pound or heavier)
- 1 rubber band (or piece of string)
- 1 scale
- 1 teacher's manual
- 1 tissue box
- 1 tray
- 1 yardstick (or tape measure)
- 2 boxes of which 1 is full and 1 is empty
- 2 cubes of which 1 is large and 1 is small
- 2 identical pencils
- 2 identical pieces of paper
- 2 identical rulers
- 2 jars
- 2 long pencils of which 1 is sharpened and 1 is unsharpened
- 2 pieces of chalk
- 2 short pencils of which at least 1 is sharpened
- 2 sponges of which 1 is wet and 1 is dry
- 3 blocks that vary in size
- 3 empty rectangular containers varying in size of which at least 1 is 1 foot or longer
- 3 objects used to conceal the other objects
- 3 strings that vary in length
- 4 connecting cubes
- 5 bowls
- 5 crayons of which at least 2 are identical
- 5 plates
- 6 books of which at least 1 is 1 pound or heavier
- 6 chenille stems of which at least 1 is bent and 1 is straight
- 6 counters
- 6 markers of which at least 1 is less than 1 foot long
- 6 number cubes
- 6 paintbrushes
- 6 pens
- 6 playing cards

- 6 pom-poms
- 7 cups of which at least 1 is large and 1 is small
- 7 erasers of which at least 2 are identical and 1 is less than 1 pound
- 7 pencils
- 7 pennies
- 7 puzzle pieces
- 50 unit cubes

COMMON MATERIALS USED TO ADMINISTER TESTLETS FOR GRADE 5 STUDENTS WHO ARE BLIND OR HAVE VISUAL IMPAIRMENTS

- 1 box
- 1 circle divided into 2 unequal parts
- 1 circle divided into 3 unequal parts
- 1 circle divided into 4 equal parts with 3 parts indicated
- 1 circle divided into 4 unequal parts with 3 parts indicated
- 1 circle divided into 6 unequal parts
- 1 circle divided into 8 equal parts with 3 parts indicated
- 1 circle divided into fourths
- 1 circle divided into halves
- 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 $\frac{1}{8}$
- 1 circle representing $\frac{2}{2}$
- 1 circle representing $\frac{2}{3}$
- 1 circle representing $\frac{3}{10}$
- 1 circle representing $\frac{3}{3}$
- 1 circle representing $\frac{3}{4}$
- 1 circle representing $\frac{4}{10}$
- 1 circle representing $\frac{5}{10}$
- 1 circle representing $\frac{6}{10}$
- 1 circle representing $\frac{7}{10}$
- 1 circle representing $\frac{9}{10}$
- 1 container with 8 compartments
- 1 container with a volume of 10 unit cubes
- 1 container with a volume of 3 unit cubes
- 1 container with a volume of 8 unit cubes
- 1 cube measuring $2 \times 2 \times 2$
- 1 cube measuring $3 \times 3 \times 3$
- 1 cube weight
- 1 dollar bill
- 1 equilateral triangle divided into 2 unequal parts

- 1 equilateral triangle divided into 3 unequal parts
- 1 equilateral triangle divided into halves
- 1 hundred
- 1 large cube
- 1 measuring cup
- 1 medium cube
- 1 medium cylinder
- 1 medium pyramid
- 1 object about 3 times the length of the short object
- 1 object about 4 times the length of the short object
- 1 object about 4 times the size of the small object
- 1 object about 5 times the length of the short object
- 1 object about 8 times the size of the small object
- 1 object with a length of about 6 feet
- 1 object with a length of about 6 inches
- 1 object with a weight of about 4 ounces
- 1 parallelogram
- 1 pentagon
- 1 pentagon divided into 2 unequal parts
- 1 pentagon divided into 3 unequal parts
- 1 pentagon divided into halves
- 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 eighths
- 1 rectangle divided into fifths
- 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 divided into twelfths
- 1 rectangle representing $\frac{1}{10}$
- 1 rectangle representing $\frac{1}{2}$
- 1 rectangle representing $\frac{1}{4}$
- 1 rectangle representing $\frac{1}{6}$
- 1 rectangle representing $\frac{2}{4}$

- 1 rectangle representing $\frac{2}{6}$
- 1 rectangle representing $\frac{3}{4}$
- 1 rectangular prism measuring $1 \times 1 \times 2$
- 1 rectangular prism with discernible cubic units measuring $2 \times 2 \times 1$
- 1 rectangular prism with discernible cubic units measuring $3 \times 1 \times 1$
- 1 rectangular prism with discernible cubic units measuring $3 \times 1 \times 4$
- 1 rectangular prism with discernible cubic units measuring $3 \times 2 \times 1$
- 1 rectangular prism with discernible cubic units measuring $3 \times 2 \times 5$
- 1 rectangular prism with discernible cubic units measuring $4 \times 2 \times 3$
- 1 rectangular prism with discernible cubic units measuring $6 \times 1 \times 4$
- 1 rectangular prism with discernible cubic units measuring $8 \times 2 \times 4$
- 1 rhombus
- 1 right pyramid
- 1 right rectangular prism
- 1 short object
- 1 small object
- 1 small triangle
- 1 square divided into 3 unequal parts
- 1 square divided into 5 unequal parts
- 1 square divided into fifths
- 1 square divided into fourths
- 1 square divided into halves
- 1 square measuring 1×1
- 1 square representing $\frac{1}{2}$
- 1 square representing $\frac{1}{3}$
- 1 square representing $\frac{1}{4}$
- 1 square representing $\frac{1}{6}$
- 1 square representing $\frac{1}{8}$
- 1 square representing $\frac{2}{2}$
- 1 square representing $\frac{2}{4}$
- 1 tactile digital clock
- 1 tactile material to create groups
- 1 tactile number line
- 1 tactile table
- 1 tetrahedron
- 1 thousand
- 1 tissue box

- 1 whole equilateral triangle
- 2 cones of which 1 is large and 1 is medium
- 2 congruent cylinders
- 2 congruent rectangular prisms
- 2 congruent trapezoids
- 2 congruent triangles
- 2 congruent triangular prisms
- 2 dimes
- 2 inequality signs
- 2 large triangles
- 2 quarters
- 2 squares divided into 2 unequal parts
- 2 subtraction signs
- 3 congruent hearts
- 3 congruent squares
- 3 congruent stars
- 3 equals signs
- 3 identical circles
- 3 identical heavy-weight objects
- 3 identical light-weight objects
- 3 identical medium-weight objects
- 3 large circles
- 3 large squares
- 3 medium circles
- 3 medium squares
- 3 nickels
- 3 pennies
- 3 rectangles of which 1 is large, 1 is medium, and 1 is small
- 3 small circles
- 3 small squares
- 3 spheres of which 1 is large, 1 is medium, and 1 is small
- 3 tactile analog clocks
- 3 tactile bar graphs
- 3 tactile line plots
- 3 tactile picture graphs
- 4 addition signs
- 4 containers with 4 compartments each

- 4 various triangles
- 6 objects that are not forms of money
- 8 object Ds of which at least 1 has a heavier weight than 1 cube weight
- 9 object Cs of which 3 are heavy, 3 are medium weight, and 3 are light weight
- 11 tens
- 12 containers with 2 compartments each
- 18 object Bs of which at least 3 are long, 3 are medium length, and 3 are short
- 32 identical objects
- 35 ones
- 50 unit cubes
- 53 object As of which at least 10 are identical & bundled, 3 are long & identical, 3 are medium length & identical, and 3 are short & identical
- tactile numbers

COMMON MATERIALS USED TO ADMINISTER TESTLETS FOR GRADE 6

- 1 bowl
- 1 clear bag
- 1 large basket
- 1 rectangular prism container measuring 3 x 3 x 2
- 1 rectangular prism container measuring 5 x 7 x 2
- 1 rectangular prism container measuring 5 x 8 x 2
- 1 rubber band (or piece of string)
- 2 paper plates of which 1 is whole and 1 is in parts
- 4 straws of various sizes of which 2 are bent and 2 are straight
- 2 small boxes
- 3 pieces of string that vary in length
- 5 cups
- 6 blocks of which at least 2 are small and 2 are large
- 6 buttons
- 6 coins
- 6 colored pencils
- 6 cubes
- 6 highlighters
- 6 pom-poms
- 6 rulers
- 7 counter chips
- 8 craft sticks of which 1 is in parts
- 8 crayons of which 1 is in parts
- 8 index cards of which 1 is in parts
- 7 number cubes
- 7 paintbrushes
- 8 pencils of which at least 3 vary in length
- 8 pens
- 9 markers
- 10 checkers
- 10 connecting cubes
- 10 erasers
- 10 playing cards
- more than enough unit cubes to fill a rectangular prism container measuring 5 x 8 x 2

COMMON MATERIALS USED TO ADMINISTER TESTLETS FOR GRADE 6 STUDENTS WHO ARE BLIND OR HAVE VISUAL IMPAIRMENTS

- 1 circle divided into 2 unequal parts
- 1 circle divided into 3 unequal parts
- 1 circle divided into fourths
- 1 circle divided into halves
- 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 $\frac{2}{8}$
- 1 circle representing $\frac{3}{6}$
- 1 circle representing $\frac{4}{10}$
- 1 container with 5 compartments
- 1 continuous substance
- 1 cube with discernible cubic units measuring $2 \times 2 \times 2$
- 1 equilateral triangle divided into 3 unequal parts
- 1 greater than/less than sign
- 1 half-shaded rectangle
- 1 half-shaded square
- 1 hexagon divided into halves
- 1 pentagon divided into 2 unequal parts
- 1 pentagon divided into halves
- 1 rectangle divided into 2 unequal parts
- 1 rectangle divided into 3 unequal parts
- 1 rectangle divided into halves
- 1 rectangle measuring $\frac{1}{2} \times 2$
- 1 rectangle measuring 10×7
- 1 rectangle measuring 2×9
- 1 rectangle measuring 4×8
- 1 rectangle with discernible square units measuring 2×6
- 1 rectangle with discernible square units measuring 3×5
- 1 rectangle with discernible square units measuring 3×6
- 1 rectangle with discernible square units measuring 4×2

- 1 rectangle with discernible square units measuring 4×3
- 1 rectangle with discernible square units measuring 4×5
- 1 rectangle with discernible square units measuring 4×7
- 1 rectangle with discernible square units measuring 6×4
- 1 rectangle with its border shaded
- 1 rectangular prism with discernible cubic units measuring $2 \times 4 \times 6$
- 1 rectangular prism with discernible cubic units measuring $3 \times 2 \times 2$
- 1 rectangular prism with discernible cubic units measuring $3 \times 2 \times 3$
- 1 rectangular prism with discernible cubic units measuring $3 \times 2 \times 5$
- 1 rectangular prism with discernible cubic units measuring $3 \times 4 \times 1$
- 1 rectangular prism with discernible cubic units measuring $4 \times 1 \times 6$
- 1 rectangular prism with discernible cubic units measuring $5 \times 2 \times 3$
- 1 rectangular prism with discernible cubic units measuring $8 \times 1 \times 3$
- 1 rectangular prism with discernible cubic units measuring $8 \times 2 \times 4$
- 1 shaded rectangle
- 1 shaded square
- 1 square divided into 2 unequal parts
- 1 square divided into 3 unequal parts
- 1 square divided into halves
- 1 square measuring 1×1
- 1 square measuring 2×2
- 1 square representing $\frac{1}{4}$
- 1 square representing $\frac{4}{4}$
- 1 square with arrows around the borders
- 1 square with discernible square units measuring 3×3
- 1 square with discernible square units measuring 4×4
- 1 square with discernible square units measuring 6×6
- 1 tactile material to create groups
- 1 tactile picture graph
- 1 trapezoid divided into 2 unequal parts
- 2 circles divided into 4 unequal parts
- 2 circles divided into 6 unequal parts
- 2 containers with 4 compartments each
- 2 degree symbols
- 3 tactile bar graphs
- 3 tactile line plots
- 3 tactile number lines

- 4 object Ds
- 6 identical containers
- 6 object Cs
- 6 tactile line graphs
- 7 objects Bs
- 10 identical objects
- 42 object As
- tactile letters
- tactile numbers

COMMON MATERIALS USED TO ADMINISTER TESTLETS FOR GRADE 7

- 1 basket
- 1 colored pencil
- 1 hard plastic ruler
- 1 large circular block
- 1 large paper plate
- 1 paintbrush
- 1 pencil box
- 1 rubber band (or piece of string)
- 1 small, empty tissue box
- 1 small paper plate
- 1 soft cotton ball
- 1 thin picture book
- 2 books with text of which 1 is thin and 1 is thick
- 2 ceramic plates of which 1 is large and 1 is small
- 2 full tissue boxes of which 1 is large and 1 is small
- 2 identical 12-count boxes of chalk
- 2 identical gloves
- 2 identical paper plates
- 2 identical socks
- 2 pieces of paper of which 1 is crumpled and 1 is smooth
- 2 ribbons of which 1 is long and 1 is short
- 2 square blocks of which 1 is large and 1 is small
- 3 objects (e.g., cups, towels) used to conceal the other objects
- 4 sponges of which 2 are wet and 2 are dry
- 5 erasers
- 6 bowls of which at least 1 is large
- 6 checkers
- 6 cups of which at least 2 are large and 2 are small
- 6 glue sticks
- 6 index cards
- 6 pencils of which at least 3 vary in length
- 6 pom-poms
- 7 crayons
- 7 cubes
- 7 markers

COMMON MATERIALS USED TO ADMINISTER TESTLETS FOR GRADE 7 STUDENTS WHO ARE BLIND OR HAVE VISUAL IMPAIRMENTS

- 1 acute isosceles triangle
- 1 circle representing $\frac{1}{6}$
- 1 circle representing $\frac{2}{6}$
- 1 circle representing $\frac{3}{10}$
- 1 circle representing $\frac{3}{4}$
- 1 circle representing $\frac{3}{5}$
- 1 circle representing $\frac{3}{6}$
- 1 circle representing $\frac{5}{10}$
- 1 circle representing $\frac{5}{6}$
- 1 circle representing $\frac{6}{10}$
- 1 circle representing $\frac{6}{6}$
- 1 circle representing $\frac{8}{10}$
- 1 circle representing $\frac{9}{10}$
- 1 container of 5 object Es
- 1 container of 8 object As
- 1 equal to sign
- 1 heart
- 1 hexagon
- 1 large square
- 1 line
- 1 medium circle
- 1 medium triangle
- 1 object that a person could use to avoid being hungry
- 1 object that a person could use to be on time
- 1 object that a person could use to stay dry in the rain
- 1 obtuse isosceles triangle
- 1 point
- 1 ray
- 1 rectangle divided into 3 unequal parts
- 1 rectangle divided into 4 unequal parts
- 1 rectangle divided into fourths
- 1 rectangle measuring 5×3
- 1 rectangle measuring 5×4
- 1 rectangle representing $\frac{1}{4}$
- 1 rectangle representing $\frac{10}{10}$

- 1 rectangle representing $\frac{2}{10}$
- 1 rectangle representing $\frac{2}{8}$
- 1 rectangle representing $\frac{3}{10}$
- 1 rectangle representing $\frac{3}{4}$
- 1 rectangle representing $\frac{3}{8}$
- 1 rectangle representing $\frac{4}{8}$
- 1 rectangle representing $\frac{5}{10}$
- 1 rectangle representing $\frac{7}{10}$
- 1 rectangle representing $\frac{8}{8}$
- 1 rectangle with discernible square units measuring 4×3
- 1 rectangle with discernible square units measuring 6×2
- 1 right isosceles triangle
- 1 right scalene triangle
- 1 small circle
- 1 small cube
- 1 small octagon
- 1 small oval
- 1 small parallelogram
- 1 small trapezoid
- 1 square with discernible square units measuring 2×2
- 1 tactile addition sign
- 1 tactile coordinate grid
- 1 tactile material to create groups
- 1 tactile number line
- 1 tactile subtraction sign
- 2 congruent circles
- 2 congruent cylinders
- 2 congruent equilateral triangles
- 2 congruent isosceles triangles
- 2 congruent pyramids
- 2 congruent rectangular prisms
- 2 congruent squares
- 2 large circles
- 2 large triangles of which at least 1 is equilateral
- 2 rectangles representing $\frac{2}{4}$
- 2 rectangles representing $\frac{6}{8}$
- 2 rhombi of which 1 is large and 1 is small

- 2 similar cylinders of which 1 is small and 1 is large
- 2 similar pyramids of which 1 is large and 1 is small
- 2 similar rectangular prisms of which 1 is large and 1 is small
- 2 similar right triangles of which 1 is large and 1 is small
- 2 similar triangular prisms of which 1 is large and 1 is small
- 2 small congruent cones
- 2 tactile greater than/less than signs
- 2 tactile line plots
- 2 tactile picture graphs
- 3 congruent rectangles
- 3 large rectangles
- 3 object Cs of which 2 are identical and 1 is in parts
- 3 object Ds of which 2 are identical and 1 is in parts
- 3 pentagons of which 1 is large, 1 is medium, and 1 is small & similar to the large pentagon
- 3 small rectangles
- 3 small squares
- 3 small triangles
- 3 tactile bar graphs
- 4 spheres of which 1 is large, 2 are medium, and 1 is small
- 6 angles of which 2 are acute, 2 are obtuse, and 2 are right
- 9 containers of which 3 have 4 compartments, 3 have 6 compartments, and 3 have 10 compartments
- 13 identical objects
- 13 object Bs of which 1 is in parts and at least 2 are identical
- 70 object As of which at least 2 are identical

COMMON MATERIALS USED TO ADMINISTER TESTLETS FOR GRADE 8

- 1 glove
- 1 large bowl
- 1 large cup
- 1 rubber band (or piece of string)
- 1 shoebox
- 1 small cup
- 1 thick ribbon
- 1 thin ribbon
- 2 closed containers
- 2 identical bowls
- 2 identical cups
- 2 identical notebooks
- 2 identical towels
- 2 identical unit cubes
- 2 large containers
- 2 open containers
- 2 pattern blocks
- 2 pieces of paper of which 1 is large and 1 is small
- 2 pieces of string of which 1 is long and 1 is short
- 2 plastic bottles of which 1 is tall and 1 is short
- 2 small containers
- 2 sponges of which 1 is dry and 1 is wet
- 3 boxes of which 1 is open & empty, 1 is closed & empty, and 1 is open & filled with paper
- 3 plates of which 1 is small & square, 1 is small & round, and 1 is large & round
- 3 ribbons that vary in length
- 3 straws
- 4 chenille stems of which 2 are bent and 2 are straight
- 4 paper towels of which 2 are dry and 2 are wet
- 5 envelopes
- 5 folders of which at least 2 are identical
- 5 pencils of which 2 are identical and 3 vary in length
- 5 rulers
- 6 blocks of which at least 1 is large & rectangular, 1 is small & rectangular, 1 is large & circular, and 2 are identical
- 6 cards

- 6 crayons of which at least 2 are identical and 3 vary in length
- 6 dominoes
- 6 markers of which at least 2 are identical
- 7 checkers of which at least 2 are identical
- 7 erasers of which at least 2 are identical
- 7 game cards
- 8 colored pencils of which at least 1 is long and 1 is short
- 8 counters of which at least 2 are identical
- 9 craft sticks
- 9 pom-poms of which at least 3 vary in size
- 10 pens

COMMON MATERIALS USED TO ADMINISTER TESTLETS FOR GRADE 8 STUDENTS WHO ARE BLIND OR HAVE VISUAL IMPAIRMENTS

- 1 arc
- 1 circle representing $\frac{1}{3}$
- 1 circle representing $\frac{1}{4}$
- 1 circle representing $\frac{2}{4}$
- 1 circle representing $\frac{3}{4}$
- 1 circle representing $\frac{3}{6}$
- 1 circle representing $\frac{4}{4}$
- 1 curved line
- 1 curved line segment
- 1 curved ray
- 1 large equilateral triangle
- 1 large tetrahedron
- 1 large trapezoid
- 1 medium ellipse
- 1 medium trapezoid
- 1 obtuse angle
- 1 point
- 1 rectangle measuring 4×2
- 1 rectangle measuring 4×3
- 1 rectangle measuring 5×10
- 1 rectangle measuring 5×3
- 1 rectangle measuring 6×3
- 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 $4 \times 3 \times 5$
- 1 rectangular prism measuring $5 \times 2 \times 2$
- 1 set of intersecting line segments
- 1 set of intersecting lines
- 1 small trapezoid
- 1 square measuring 6×6
- 1 square representing $\frac{4}{8}$
- 1 square representing $\frac{6}{8}$

- 1 square representing $\frac{8}{8}$
- 1 tactile line plot
- 1 tactile material to create groups
- 1 tactile material to create labels
- 2 circles representing $\frac{1}{6}$
- 2 circles representing $\frac{2}{6}$
- 2 congruent arrows
- 2 congruent trapezoids
- 2 cubes of which 1 is large and 1 is small
- 2 greater than/less than signs
- 2 octagons of which 1 is medium and 1 is small
- 2 pyramids of which 1 is medium and 1 is small
- 2 right angles
- 2 sets of congruent parallel lines
- 2 similar hexagons of which 1 is large and 1 is medium
- 2 small congruent right isosceles triangles
- 2 small congruent right scalene triangles
- 2 squares representing $\frac{2}{8}$
- 2 stars of which 1 is large and 1 is medium
- 2 subtraction symbols
- 2 tactile function graphs
- 3 cones of which 1 is large, 1 is medium, and 1 is small
- 3 congruent line segments
- 3 congruent right isosceles triangles
- 3 cylinders of which 1 is medium, 1 is small & similar to the medium cylinder, and 1 is dissimilar to the medium & small cylinders
- 3 different acute angles (approximately 20 degrees, 60 degrees, and 80 degrees)
- 3 equals symbols
- 3 large congruent right triangles
- 3 lines of which at least 2 are congruent
- 3 pairs of complementary angles (40/50 degrees, 35/55 degrees, and 30/60 degrees)
- 3 pairs of identical acute angles (approximately 30 degrees, 40 degrees, and 45 degrees)
- 3 pentagons of which 1 is large, 1 is medium, and 1 is small & similar to the large pentagon
- 3 rhombi of which 1 is large, 1 is medium & similar to the large rhombus, and 1 is small
- 3 right isosceles triangles (2 congruent medium and 1 similar large)

- 3 spheres of which 1 is large, 1 is medium, and 1 is small
- 3 tactile bar graphs
- 3 tactile function tables
- 3 tactile number lines
- 3 tactile picture graphs
- 3 tactile tally charts
- 4 rays
- 4 right scalene triangles (3 congruent medium and 1 similar large)
- 4 tactile coordinate planes
- 5 circles of which 1 is large, 3 are medium & congruent, and 1 is small
- 5 parallelograms of which 2 are large & congruent, 2 are medium & congruent, and 1 is small & similar to the large parallelograms
- 5 rectangular prisms of which 2 are large & congruent, 1 is medium & similar to the small rectangular prism, and 2 are small & congruent
- 5 sets of objects where each set contains 1 whole object and 1 part of an identical object (objects A–E)
- 5 similar triangular prisms of which 1 is large, 3 are medium & congruent, and 1 is small
- 5 squares of which 1 is large, 2 are medium, and 2 are small & congruent
- 6 congruent right scalene triangles
- 6 pairs of adjacent angles (40/10 degrees, 40/70 degrees, 20/30 degrees, 50/60 degrees, 45/90 degrees, and 15/30 degrees)
- 6 tactile tables
- 7 rectangles of which 2 are large & congruent, 4 are medium & congruent, and 1 is small & similar to the large rectangles
- 8 addition symbols
- 48 object As
- tactile numbers and decimal points

COMMON MATERIALS USED TO ADMINISTER TESTLETS FOR HIGH SCHOOL

- 1 graphing calculator
- 1 large bin
- 1 large block
- 1 large book
- 1 large, smooth piece of paper
- 1 paper plate
- 1 rubber band (or piece of string)
- 1 small basket
- 1 small block
- 1 small book
- 1 square
- 1 towel
- 1 string
- 2 cloth hats of which 1 is small and 1 is large
- 2 containers of which 1 is empty and 1 is full
- 2 crumpled pieces of paper
- 2 identical blocks
- 2 identical books
- 2 identical checkers
- 2 identical dominoes
- 2 identical folders
- 2 identical four-function calculators
- 2 identical notebooks
- 2 identical paper bowls
- 2 identical pencils
- 2 long pencils
- 2 pattern blocks
- 2 shirts with buttons of which 1 is large and 1 is small
- 2 shirts without buttons of which 1 is large and 1 is small
- 2 short pencils
- 2 small pieces of paper of which 1 is rough and 1 is smooth
- 2 sponges of which 1 is wet and 1 is dry
- 2 straw hats of which 1 is small and 1 is large
- 2 triangles
- 3 bowls varying in size

- 3 chenille stems
- 3 coins
- 3 number cubes
- 3 pencils that vary in length
- 3 pieces of paper that vary in size
- 3 ribbons that vary in length
- 3 water bottles varying in fullness
- 4 rulers of which 2 are long and 2 are short
- 5 colored pencils
- 5 craft sticks
- 5 cubes of which at least 2 are large & identical and 2 are small & identical
- 5 pens
- 6 crayons
- 6 pencils
- 6 playing cards of which at least 2 are identical
- 6 pom-poms of which at least 2 are identical
- 7 bandages
- 7 buttons
- 7 counter chips of which at least 2 are identical
- 7 cups of which at least 1 is large & paper, 1 is large & plastic, 1 is small & paper, and 1 is small & plastic
- 7 glue sticks of which at least 2 are identical
- 7 highlighters
- 7 markers of which at least 2 are identical and 2 vary in width
- 7 straws
- 8 erasers of which at least 2 are identical
- 8 spoons

COMMON MATERIALS USED TO ADMINISTER TESTLETS FOR HIGH SCHOOL STUDENTS WHO ARE BLIND OR HAVE VISUAL IMPAIRMENTS

- 1 circular object
- 1 container
- 1 curved rectangle
- 1 cylindrical object
- 1 hexagon made up of 2 medium trapezoids
- 1 hundreds block
- 1 large rhombus
- 1 large triangular prism
- 1 line
- 1 line segment
- 1 medium ellipse
- 1 medium pentagon
- 1 medium square
- 1 number cube
- 1 point
- 1 ray
- 1 rectangle measuring 2 x 5
- 1 rectangle measuring 4 x 2
- 1 rectangle measuring 4 x 6
- 1 rectangle measuring 5 x 10
- 1 rectangle measuring 7 x 3
- 1 rectangle measuring 7 x 6
- 1 rectangle with discernible square units measuring 2 x 3
- 1 rectangle with discernible square units measuring 3 x 5
- 1 rectangle with discernible square units measuring 4 x 3
- 1 rectangle with discernible square units measuring 5 x 4
- 1 rectangular object
- 1 rectangular prism net
- 1 set of intersecting line segments
- 1 set of intersecting lines
- 1 set of parallel line segments
- 1 set of parallel lines
- 1 set of perpendicular line segments
- 1 set of perpendicular lines
- 1 small pentagon

- 1 small right scalene triangle
- 1 small square
- 1 small trapezoid
- 1 spherical object
- 1 square that measures 8 x 8
- 1 tactile material for labeling
- 1 tactile material to create groups
- 1 tactile set of adjacent angles
- 1 tactile set of vertical angles
- 1 ten
- 1 triangular object
- 2 congruent rectangles of which 1 is divided in half to make 2 squares
- 2 cube nets of which 1 is missing a side
- 2 dimes
- 2 hearts
- 2 identical, non-symmetrical, flat objects
- 2 large congruent pentagons
- 2 large congruent right scalene triangles
- 2 large congruent trapezoids
- 2 large isosceles triangles
- 2 large non-congruent pentagons of which 1 is regular and 1 is irregular
- 2 large rectangles
- 2 nickels
- 2 octagons of which 1 is large and 1 is small
- 2 pennies
- 2 quarters
- 2 rectangles without discernible square units
- 2 semicircles
- 2 similar rectangles
- 2 similar rectangular prisms
- 2 similar right isosceles triangles of which 1 is large and 1 is medium
- 2 similar trapezoids
- 2 spheres of which 1 is large and 1 is small
- 2 stars
- 2 tactile function tables
- 2 tactile line plots
- 2 tactile tables

- 3 angles of which 1 is acute, 1 is right, and 1 is obtuse
- 3 congruent equilateral triangles
- 3 congruent medium trapezoids
- 3 cylinders of which 2 are large & congruent and 1 is similar to the large cylinders
- 3 hexagons of which 2 are large and 1 is medium & similar to the large hexagons
- 3 large congruent squares
- 3 parallelograms of which 2 are large & congruent and 1 is small & similar to the large parallelograms
- 3 pyramids of which 2 are large & congruent and 1 is small
- 3 tactile picture graphs
- 3 tactile pie charts
- 3 tactile spinners
- 4 cones of which 2 are large & congruent, 1 is medium & similar to the large cone, and 1 is small
- 4 cubes of which 1 is large and 3 are small
- 4 equilateral triangles of which 2 are large & congruent and 1 is small & similar to the large triangle
- 4 sets of 5 identical objects
- 4 small congruent rectangles
- 4 tactile line graphs
- 6 congruent right scalene triangles
- 6 congruent squares
- 6 medium congruent rectangles
- 6 tactile bar graphs
- 6 tactile coordinate planes
- 6 tactile number lines
- 7 circles of which 2 are large, 4 are medium & congruent, and 1 is small
- 7 tactile linear function graphs
- 9 tactile function graphs
- 11 ones
- 14 long, thin congruent rectangular prisms
- 24 long congruent rectangles
- 36 stackable objects
- 40 object As
- 77 objects