Tumbling Blocks
Challenging Method

SET 1 — Whole Cubes - 85

SET 2 — Side Units - Half Cubes - 5 on each side

SET 3 — Top Unit - 8

SET 4 — Corners - 1 of each (4 extra pieces)

SET 5 — Bottom Edge - 9 (1 extra piece)

All seams that intersect in a y formation should stop at the point of the intersection instead of sewing to the edge of the shapes. The seam s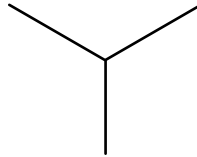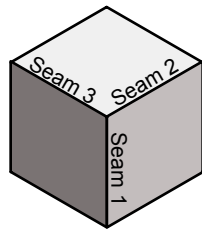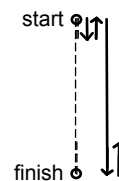hould not go beyond this point and should be back-stitched to keep the seam from unraveling. Take care to avoid sewing seam allowances from other seams in the seam you are sewing. To help you sew accurately, each laser-cut shape has a small laser-cut dot at the intersection points that may have a y-intersection.
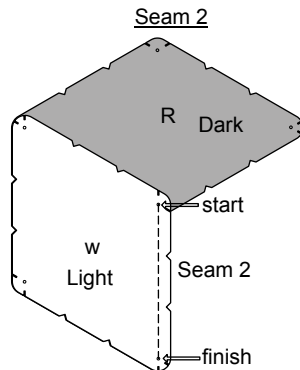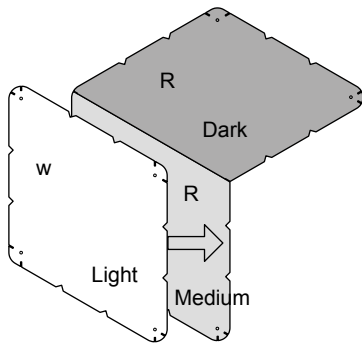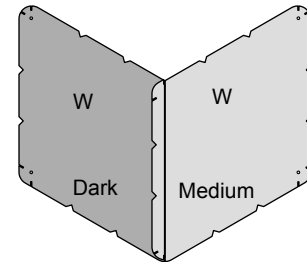
Seam 3   Seam 2

Seam 1

Sewing y-seams:

start — Sink needle in start dot,
2 stitches forward,
2 stitches backward,
Sew forward to the finish dot,
3-4 stitches backward,
finish — cut thread.

Sewing Instructions

Set 1

W   R

Medium   Dark

Seam 1

W   start

Medium   Seam 1   finish

W   W

Dark   Medium

Finger press seam towards the dark.

R

Dark

W   R

Light   Medium

Seam 2

R   Dark

start

W   Light   Seam 2   finish
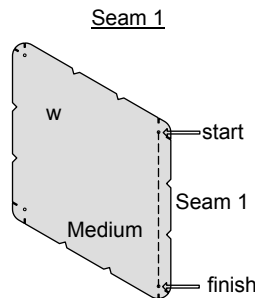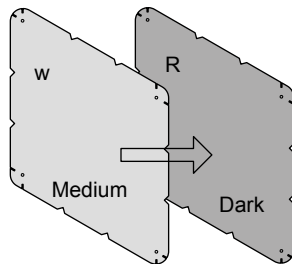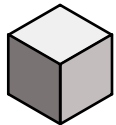
Hold seam allowance 1 towards the dark piece and sew seam.

Seam 3

W   Medium   fold

start

W   Dark   Seam 3   finish
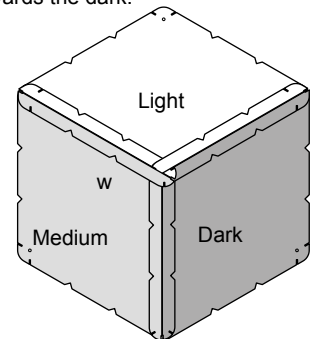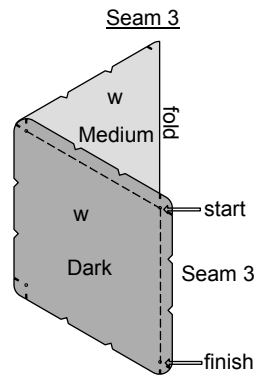
Finger press seam allowance 1 and 2 upward towards the medium. Bring the dark and the light pieces together, folding the medium in the center as shown above. Holding the seams in place, sink the needle in the start point and sew the seam.

Light

W

Medium   Dark

Press seams open.

R = right side, W = wrong side

Tumbling Blocks
Challenging Method

Set 2

Position the triangle so the laser-cut dot is in the upper point of the rhombus. See the red box.

Right Side Unit

Light

Dark

Light

Dark

Left Side Unit

Light

Medium

Light

Medium

All inside seams on the quilt top must be sewn from y-seam dot to y-seam dot. Seams that end at the edge of the top, can be sewn to the edge.

Set 3

Top Edge Unit

R   Dark

Light

w

R

Medium

Complete seam 1 the same way as directed for set 1.

Seam 2

Dark   R

w

Light

start

Medium

Seam 2

finish

Hold seam allowance 1 towards the dark piece and sink the needle in the laser-cut dot start point. Finish seam to the edge since this is not a y intersection.
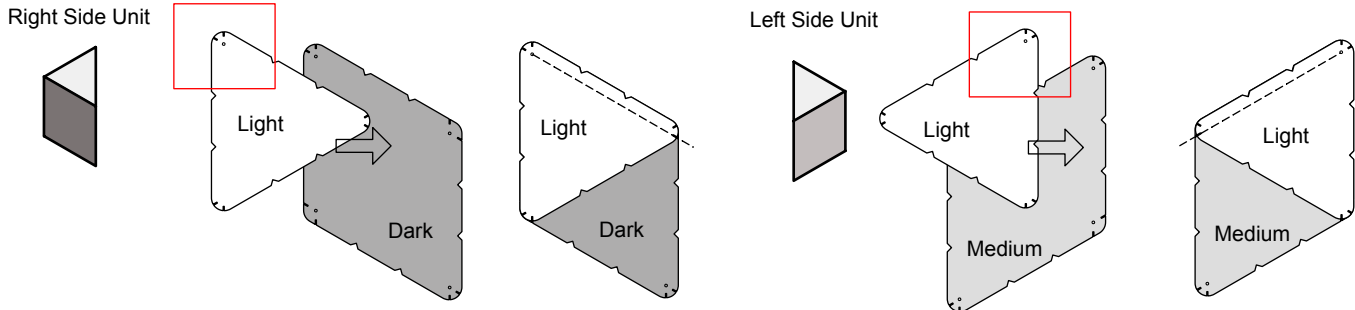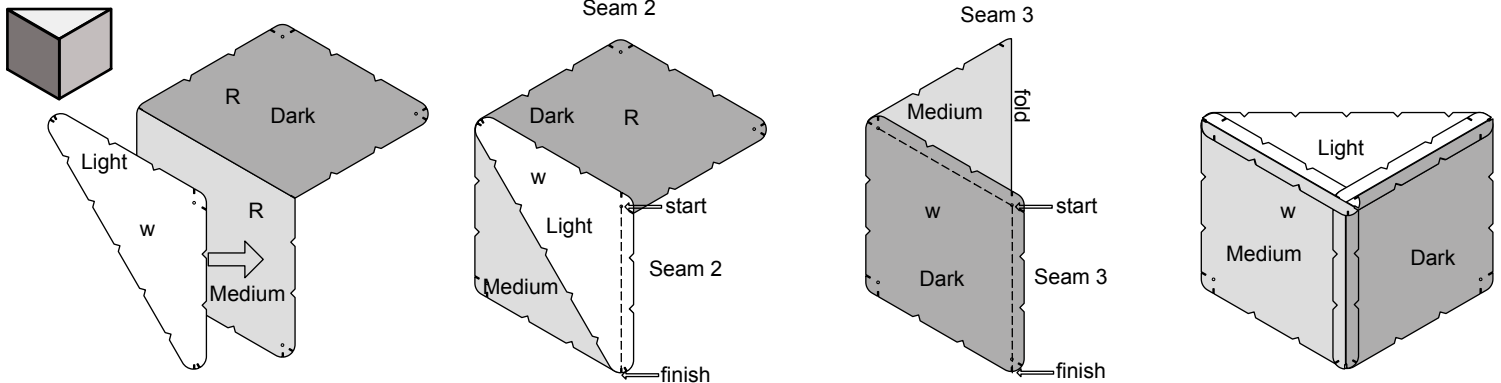
Seam 3

Medium

fold

w

start

Dark

Seam 3

finish

Finger press seam allowance 1 and 2 upwards towards the medium. Bring the dark and the light pieces together, folding the medium in the center as shown above. Holding the seams in place, sink the needle in the start point and finish to the edge.

Light

w

Medium   Dark

Press seams open.

Set 4

Right Corner Unit

Light
w

Dark
R
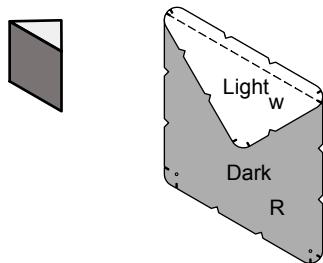
This seam is sewn from edge to edge.

Left Corner Unit

w
Light

Medium
R

Press seams open.

R = right side, W = wrong side

Tumbling Blocks
Challenging Method

From the 85 whole cubes, you will have 4 copies of every color group and 1 extra copy of 5 colors. Place the 5 extra aside. Make 4 piles, placing 1 of each color in each of the 4 piles so you have 20 cubes in each pile.   The best way to randomize the cubes is to divide the 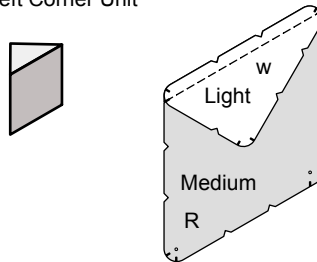quilt into 4 quadrants, dedicating one pile of cubes to each quadrant and working the extra 5 cubes in between the quadrants or at the bottom.

On a large table, arrange the first row with the 8 top edge units and 2 corner units. Arrange the first pile of cubes in the upper left quadrant, placing the colors that appear in row 1 toward the bottom of the quadrant. The goal is to have cubes of the same or similar color distributed randomly around the quilt.   Arrange the top right quadrant, keeping the identical cubes sufficiently apart and random. If your table is not large enough to fit all the shapes, work with one half at a time, sewing the units into rows to make it easier to work with. Next, lay out the bottom quadrants. Finally, add the side units and bottom edge triangles to the bottom.

Sew units into rows: Use the same y-intersection seam technique for all inner seams. Seams that end on the outside edge can be sewn to the edge. Sew the bottom triangles from set 5 to the bottom row of cubes similar to the way set 3 units were assembled.

Sew rows together. Starting from either side of the row, pin and sew one seam at a time, from dot to dot. Avoid sewing any seam allowances into the seams by finger pressing them away from the dot.
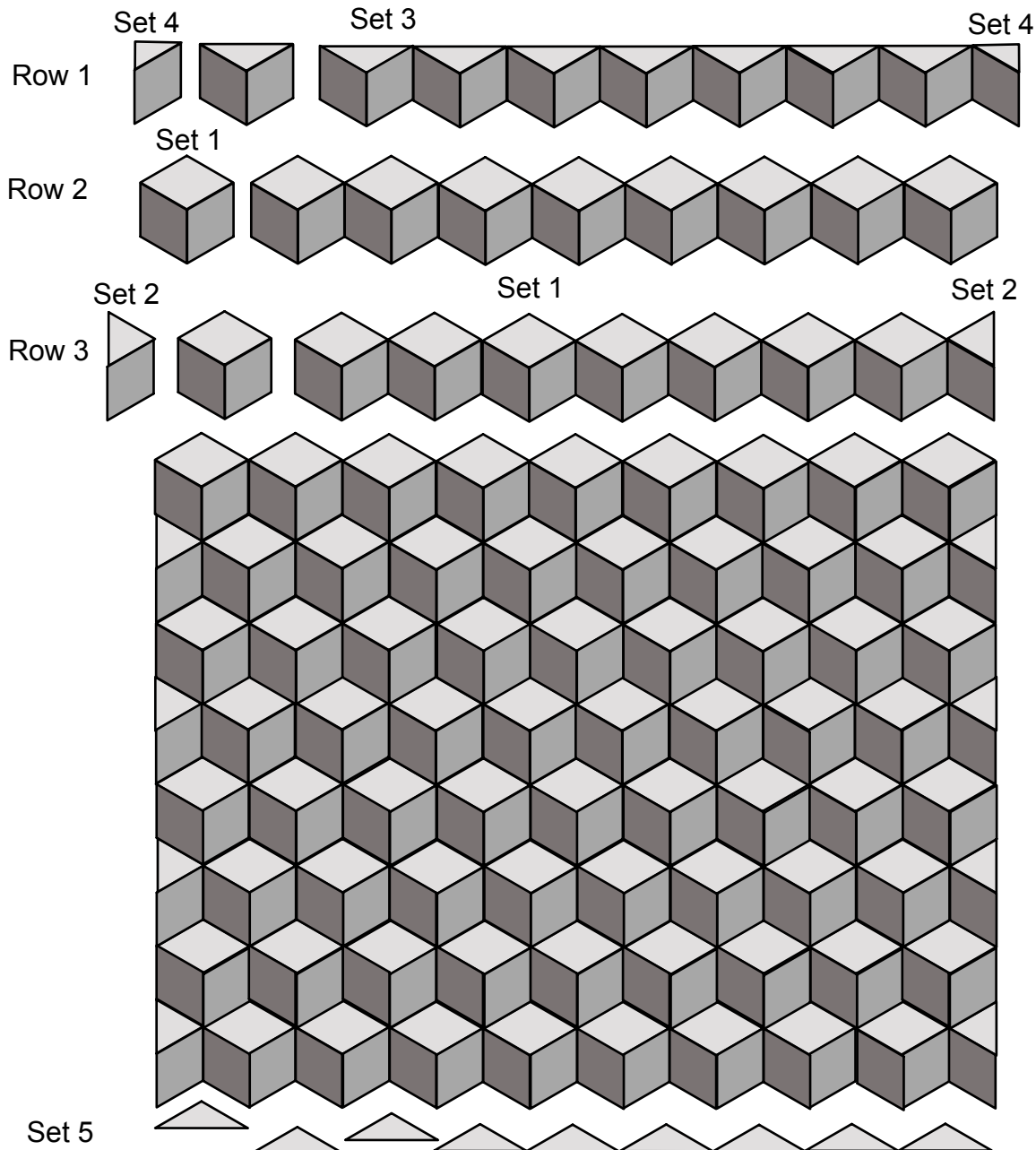
Tumbling Blocks Worksheet
Challenging Method

Hoffman Bali Watercolors Color Names			
Color Group	Dark	Medium	Light
Golden Yellow	Squash	Dandelion	Blonde Ale
Aqua Green	Stone Green	Betta Fish	Spearmint
Blue-Violet	Marlin	Dragonfly	Cornflower
Blue-Red	Cardinal	Lucy	Pink
Gray	Blacklight	Charcoal	February
Yellow	Buttercup	Citrine	March
Yelow Green	Peter	Caterpillar	St Paddy
Cerulean Blue	Ocean Aquatic	Election Day	Azure
Red-Violet	Wild Berry	Punch	Lilly
Brown	Adobe	Apricot	Creamsicle
Chartreuse	Herb	Leaf	Celadon
Spring Green	Cypress	Kelly	Parsley
Aqua Blue	Bayou	Aquarium	Seamist
Turquoise Blue	Riviera	Seasalt	Peacock
Blue	Sapphire	Bluejay	Bluebird
Violet	New Grape	Pansy	Tupelo
Fuchsia	Cabernet	Magenta	Fuchsia
Magenta	Ruby	Raspberry	Hibiscus
Red	Red	Frank	Ballet Pink
Red-Orange	Flame	Pumpkin	Cantaloupe

Color Group	SET 1 WHOLE CUBES			SET 2 SIDE UNITS			SET 3 TOP UNITS*			SET 4 CORNERS*			SET 5 BOTTOM
	RHOM Dark	RHOM Medium	RHOM Light	RHOM Dark	RHOM Medium	ETRI Light	RHOM Dark	RHOM Medium	ITRI Light	RHOM Medium	RHOM Dark	RTRI Light	ITRI Light
Golden Yellow	5	5	5										
Aqua Green	5	5	5										
Blue-Violet	5	5	5										
Blue-Red	5	5	5										
Gray	5	5	5										
Yellow	4	4	4	1	1	2							
Yelow Green	4	4	4	1	1	2							
Cerulean Blue	4	4	4	1	1	2							
Red-Violet	4	4	4	1	1	2							
Brown	4	4	4	1	1	2							
Chartreuse	4	4	4										1
Spring Green	4	4	4										1
Aqua Blue	4	4	4										1
Turquoise Blue	4	4	4										1
Blue	4	4	4				8	8	8	2	2	4	1
Violet	4	4	4										1
Fuchsia	4	4	4										1
Magenta	4	4	4										1
Red	4	4	4										1
Red-Orange	4	4	4										1
Total Pieces	85	85	85	5	5	10	8	8	8	2	2	4	10

Total   317

*Color groups selected for these pieces are different in each kit.