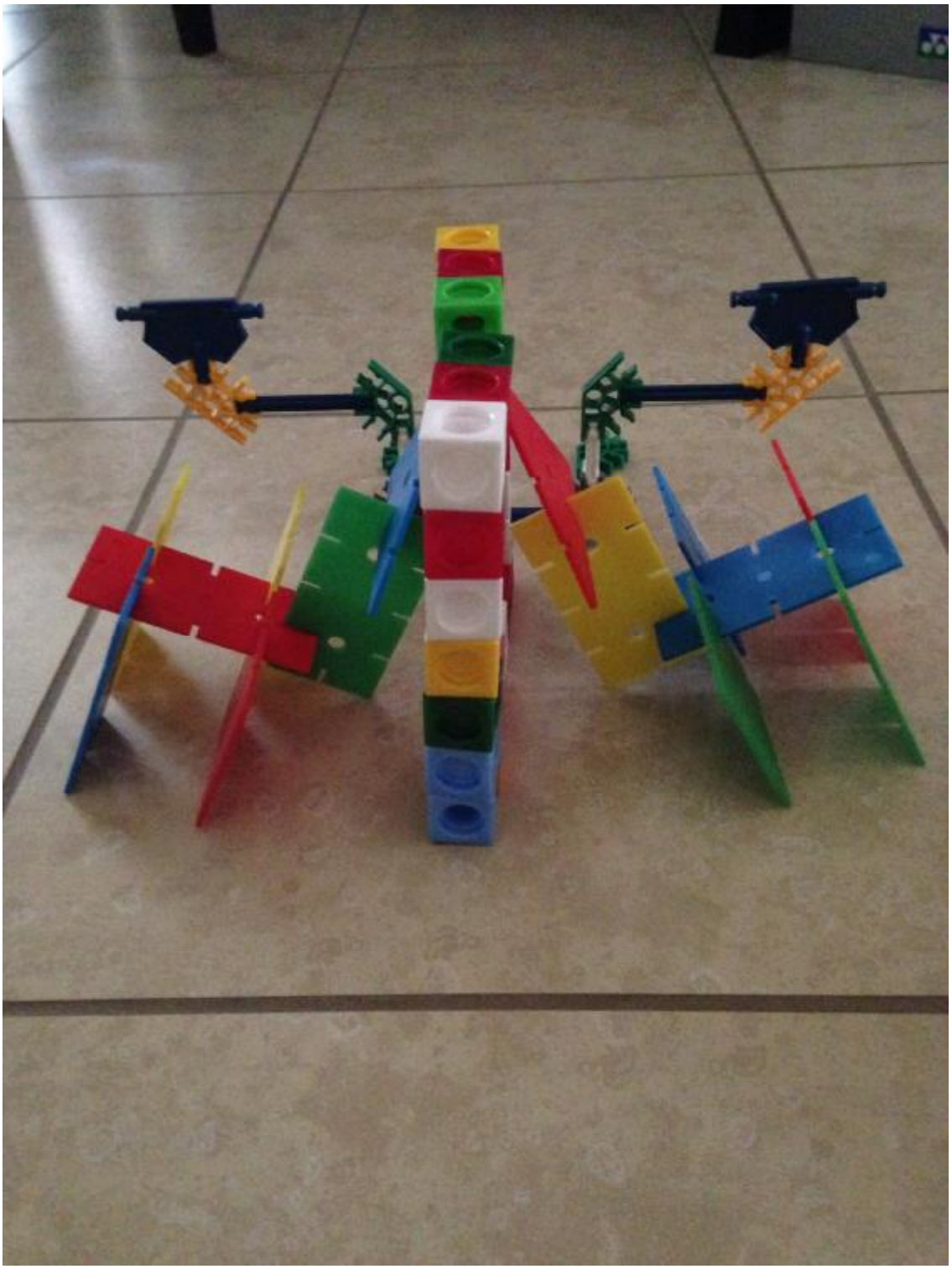
TheBURRITO's WIDI SSSS Test

Front View

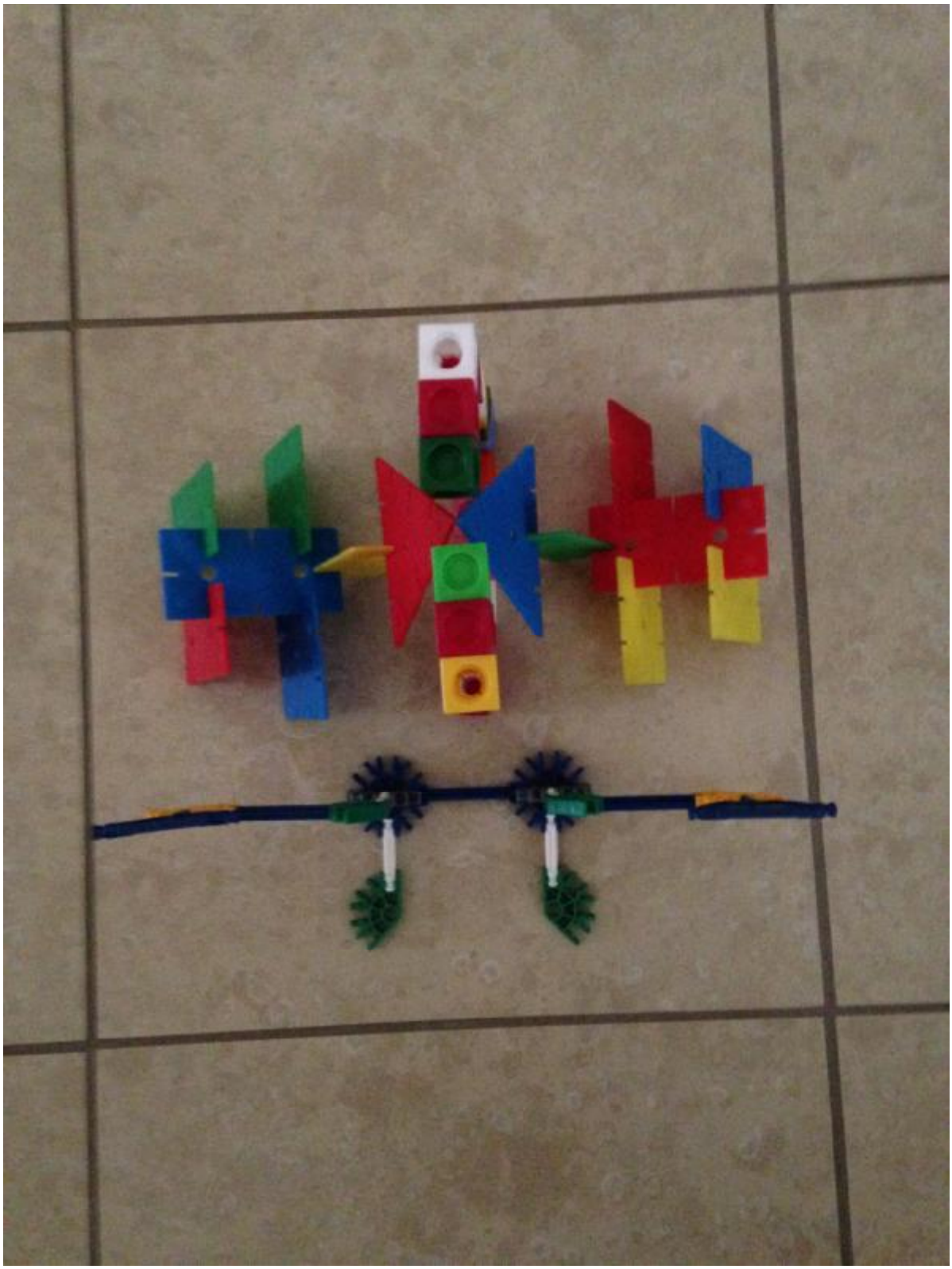
West View (In Relation to the Front)

East View (In Relation to the Front)

Back View



Aerial Front View



Rubric (63 Points Total)

Overall Structure (6 Points)

The KNEX Structure is placed in front of the Block Structure's 1 column side where the Red Block is the lowest block (1 point) ____

The Red Triangle tile (From Tile Structure 1) and the Blue Triangle tile (From Tile Structure 2) meet with tips touching in the middle of the gap between the Light Green Block and the Dark Green Block in the top row of the Block Structure (1 Point) ____

Tile Structure 1 is placed on the West Side of the Block Structure when looked from the front (1 point) ____

Tile Structure 2 is placed on the East Side of the Block Structure when looked from the front (1 point) ____

The one column side of the Block Structure with the Red Block being the lowest block is placed just behind the middle of the KNEX Structure making this side of the Block Structure the front part of the Overall Structure (1 point) ____

The Block Structure is placed where the gap is on the top row (1 Point) ____

Block Structure (23 Points)

Grade this as if you are looking at the Block Structure from the West View

The lowest-right block is a Red Block with placed with the circular extrusion facing the front (1 Point) ____

Another Red Block is connected to the left side of the Red Block described above (1 Point) ____

A White Block is connected to the left side of the Red Block described above (1 Point) ____

A Pink Block is connected to the left side of the White Block described above (1 Point) ____

Another Pink Block is connected to the left side of the Pink Block described above (1 Point) ____

An Orange Block is connected to the left side of the Pink Block described above (1 Point) ____

A Light Blue Block is connected to the left side of the Orange Block described above with the hole of the Light Blue Block facing the back side of the Block Structure (1 Point) ____

Another Light Blue Block is connected to the top of the Light Blue Block described above (1 Point) ____

A Dark Green Block is connected to the top of the Light Blue Block described above (1 Point) ____

A Light Green Block is connected to the top of the Dark Green Block described above (1 Point) ____

A White Block is connected to the top of the Light Green Block described above (1 Point) ____

A Red Block is connected to the top of the White Block described above (1 Point) ____

A White Block is connected to the top of the Red Block described above with the hole facing the ceiling making this the block on the top-most left side of the Block Structure (1 Point) ____

A Red Block is connected to the right side of the White Block described above (1 Point) ____

A Dark Green Block is connected to the right side of the Red Block described above with the hole facing the gap (1 Point) ____

(Refer back to the lowest-right Red Block) A white block is connected to the top of this Red Block (1 Point) ____

Another White Block is connected to the top of the White Block described above (1 Point) ____

A Red Block is connected to the top of the White Block described above (1 Point) ____

A White Block is connected to the top of the Red Block described above (1 Point) ____

Another White Block is connected to the top of the White Block described above (1 Point) ____

A Yellow Block is connected to the top of the White Block described above with its hole facing the ceiling making this the top-most right side of the Block Structure (1 Point) ____

A Red Block is connected to the left side of the Yellow Block described above (1 Point) ____

A Light Green Block is connected to the left side of the Red Block described above with the hole facing the gap (1 Point) ____

Tile Structure 1 (6 Points)

Grade this as if you are looking at Tile Structure 1 from the Front View

A 1x3 Slit Red Rectangular Tile is connected on the top right most slit of the 3 slit side to a 1x3 Slit Blue Rectangular Tile on the bottom left most slit on the 3 slit side (1 Point) ____

A 1x3 Slit Green Rectangular Tile is connected on the bottom right most slit of the 3 slit side to the same Blue Rectangular Tile described above on its top left most slit on the 3 slit side (1 Point) ____

A 2x2 Slit Blue Square Tile is connected on the top right most slit on a 2 slit side to the same 1x3 Slit Blue Rectangular Tile described above two slits to the right of where the Red Rectangular Tile is connected (1 Point) ____

A 2x2 Slit Green Square Tile is connected on the bottom left most slit on a 2 slit side to the same 1x3 Slit Blue Rectangular Tile described above two slits to the right of where the Green Rectangular Tile is connected (1 Point) ____

A 1x3 Slit Yellow Rectangular Tile is connected on the top left most slit on the 3 slit side to the same 1x3 Blue Rectangular Tile described above on the right most side with 1 slit (1 Point) ____

A 3x3x3 Slit Red Triangle Tile is connected on the middle slit on a 3 slit side to the 1x3 Slit Yellow Rectangular Tile described above on the right most side with 1 slit (this should be the side of the Yellow Rectangular Tile facing upwards) (1 Point) ____

Tile Structure 2 (6 Points)

Grade this as if you are looking at Tile Structure 2 from the Back View

A 1x3 Slit Blue Rectangular Tile is connected on the top right most slit of the 3 slit side to a 1x3 Slit Red Rectangular Tile on the bottom left most slit on the 3 slit side (1 Point) ____

A 1x3 Slit Yellow Rectangular Tile is connected on the bottom right most slit of the 3 slit side to the same Red Rectangular Tile described above on its top left most slit on the 3 slit side (1 Point) ____

A 2x2 Slit Red Square Tile is connected on the top right most slit on a 2 slit side to the same 1x3 Slit Red Rectangular Tile described above two slits to the right of where the Blue Rectangular Tile is connected (1 Point) ____

A 2x2 Slit Yellow Square Tile is connected on the bottom left most slit on a 2 slit side to the same 1x3 Slit Red Rectangular Tile described above two slits to the right of where the Yellow Rectangular Tile is connected (1 Point) ____

A 1x3 Slit Green Rectangular Tile is connected on the top left most slit on the 3 slit side to the same 1x3 Red Rectangular Tile described above on the right most side with 1 slit (1 Point) ____

A 3x3x3 Slit Blue Triangle Tile is connected on the middle slit on a 3 slit side to the 1x3 Slit Green Rectangular Tile described above on the right most side with 1 slit (this should be the side of the Green Rectangular Tile facing upwards) (1 Point) ____

KNEX Structure (22 Points)

Grade this as if you are looking at the KNEX Structure from the Front View

Blue Connector connecting two reflecting sides (1 Point) ____

Blue Gear as base of structure (2 Points)
Right Side ____
Left Side ____

White Connector from middle port of Base Blue Gear to Base Green Gear (2 Points Total)
Right Side ____
Left Side ____

Base Green Gears facing opposite sides and connected to White Connector by the last ports (2 Points Total)
Right Side ____
Left Side ____

Grey Gear connected to Blue Gear base (2 Points Total)
Right Side ____
Left Side ____

White Connector to middle port of Grey Gear (2 Points Total)
Right Side ____
Left Side ____

Two Green Gears in the air are reflections of each other (1 Point) ____

Blue Connector connected to 2nd port from the top of the Green Gear in the air (2 Points Total)
Right Side ____
Left Side ____

Blue Connector connected to Yellow Gear by Yellow Gear's 2nd Port from the bottom (2 Points Total)
Right Side ____
Left Side ____

Port Side of Yellow Gear facing inward of structure (2 Points Total)
Right Side ____
Left Side ____

Blue 3 Pronged KNEX Tile connected to 2nd from top port of Yellow Gear (2 Points Total)
Right Side ____
Left Side ____

Blue 3 Pronged KNEX Tile connected to Yellow Gear by the middle connector (2 Points Total)
Right Side ____
Left Side ____