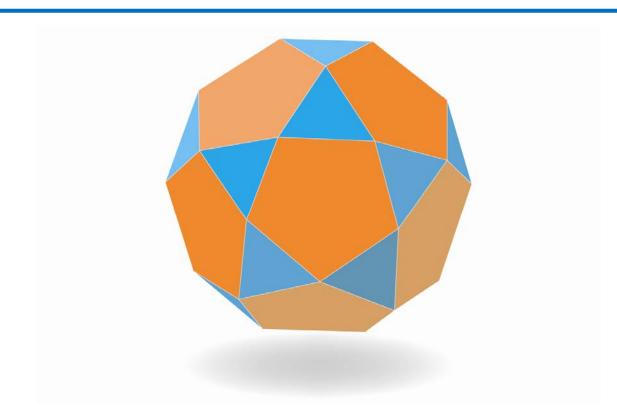




# Can you build these objects?





## Icosidodecahedron

Use the shapes in your Construction Kit to manufacture the beautiful object above.

#### INSTRUCTIONS

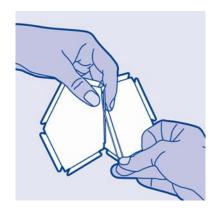
STEP 1 – Fold the tabs

• Fold each of the tabs on the side of the shape along the crease by gently pushing the piece onto a solid surface such as a table.

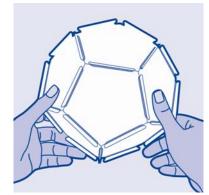
### STEP 2 – Join the pieces

- Hold the tabs of two pieces together and place an elastic band around the two tabs to join the pieces
- Repeat as required to complete the shape that you are making











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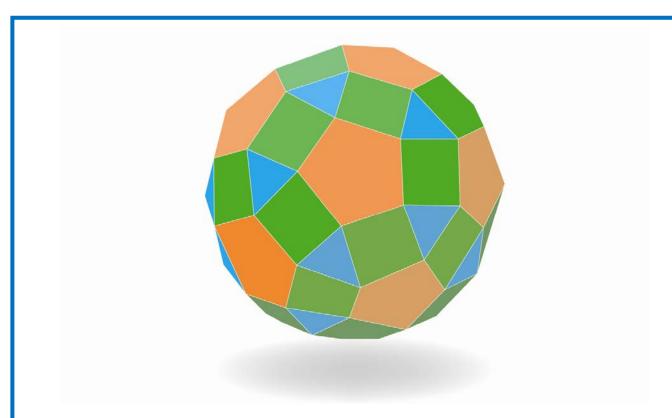
You will need: 20 equilateral triangles; 12 pentagons; and 60 rubber bands





# Can you build these objects?





## Rhombicosidodecahedron

Use the shapes in your Construction Kit (Super) to manufacture the beautiful object above.

#### INSTRUCTIONS

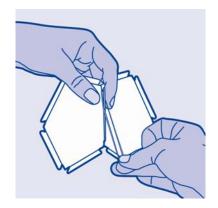
STEP 1 – Fold the tabs

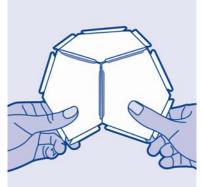
• Fold each of the tabs on the side of the shape along the crease by gently pushing the piece onto a solid surface such as a table.

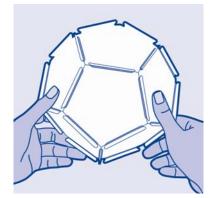
### STEP 2 – Join the pieces

- Hold the tabs of two pieces together and place an elastic band around the two tabs to join the pieces
- Repeat as required to complete the shape that you are making











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You will need: 20 equilateral triangles; 30 squares; 12 pentagons and 120 rubber bands





# Can you build these objects?





## Rhombicuboctahedron

Use the shapes in your Construction Kit to manufacture the beautiful object above.

#### INSTRUCTIONS

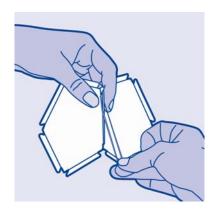
STEP 1 – Fold the tabs

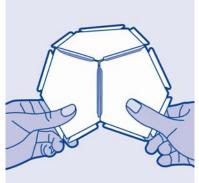
• Fold each of the tabs on the side of the shape along the crease by gently pushing the piece onto a solid surface such as a table.

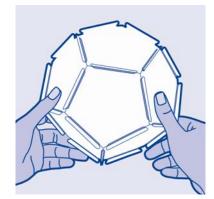
### STEP 2 – Join the pieces

- Hold the tabs of two pieces together and place an elastic band around the two tabs to join the pieces
- Repeat as required to complete the shape that you are making











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You will need: 8 equilateral triangles; 18 squares; and 48 rubber bands





# Can you build these objects?





## **Truncated Cuboctahedron**

Use the shapes in your Construction Kit to manufacture the beautiful object above.

#### INSTRUCTIONS

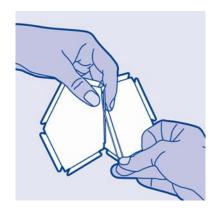
STEP 1 – Fold the tabs

• Fold each of the tabs on the side of the shape along the crease by gently pushing the piece onto a solid surface such as a table.

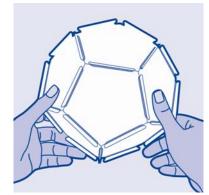
### STEP 2 – Join the pieces

- Hold the tabs of two pieces together and place an elastic band around the two tabs to join the pieces
- Repeat as required to complete the shape that you are making











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You will need: 12 squares; 8 hexagons; 6 octagons; and 72 rubber bands





# Can you build these objects?





## Truncated Icosahedron

Use the shapes supplied in your Construction Kit to manufacture the beautiful object above.

#### INSTRUCTIONS

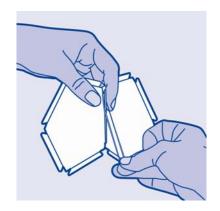
STEP 1 – Fold the tabs

• Fold each of the tabs on the side of the shape along the crease by gently pushing the piece onto a solid surface such as a table.

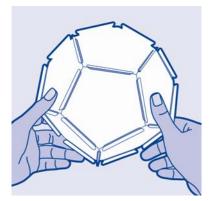
### STEP 2 – Join the pieces

- Hold the tabs of two pieces together and place an elastic band around the two tabs to join the pieces
- Repeat as required to complete the shape that you are making











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You will need: 12 pentagons; 20 hexagons; and 90 rubber bands



# Can you build these objects?





## Truncated Icosidodecahedron

Use the shapes in your Construction Kit (Super) to manufacture the beautiful object above.

#### INSTRUCTIONS

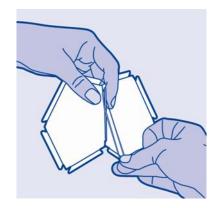
STEP 1 – Fold the tabs

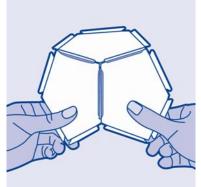
• Fold each of the tabs on the side of the shape along the crease by gently pushing the piece onto a solid surface such as a table.

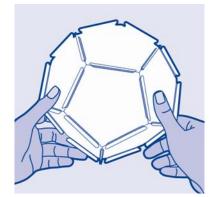
### STEP 2 – Join the pieces

- Hold the tabs of two pieces together and place an elastic band around the two tabs to join the pieces
- Repeat as required to complete the shape that you are making











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You will need: 30 squares; 20 hexagons; 12 decagons and 180 rubber bands