HUMANITY
STAR

WHAT IS IT?

The Humanity Star is a satellite that orbits the Earth every 90 minutes and is visible to the naked eye in the night sky. It is a geodesic sphere made of highly reflective panels that catch the sun's light and reflect it back to Earth as the Humanity Star spins rapidly in orbit.

WHY WAS IT CREATED?

The Humanity Star was created to be a symbol in the night sky that encourages everyone to look up and ponder humanity's place in the universe. It is designed to encourage everyone remember we are part of one species on just one small planet and we are responsible for working together to solve our biggest challenges such as climate change and resource shortages.

HOW BIG IS IT?

The Humanity Star is 1 meter tall and weighs 10.34 kilograms. It is a special shape called a geodesic sphere, which is a sphere made of triangles. They are very strong because all forces are shared throughout the whole structure.

WHEN CAN I SEE IT?

The Humanity Star will appear as a bright, flashing star moving quickly across the sky. The best time to spot it is during sunrise or sunset. You can track The Humanity Star's location on www.thehumanitystar.com. Each time it passes above you, it may be visible for up to a few minutes. Due to the way it moves around the Earth, it may be months before it is clearly visible in your part of the world.

HOW LONG WILL IT LAST?

The Humanity Star will be in space for around 9 months before it starts to fall back to Earth and burns up completely as it enters the Earth's atmosphere.

HOW DID IT GET TO SPACE?

The Humanity Star launched to orbit on January 21st 2018 onboard an Electron rocket built by Rocket Lab.

You can track the Humanity Star's location at **www.TheHumanityStar.com** to find out when it will be overhead and visible in your region.

HUMANITY
STAR

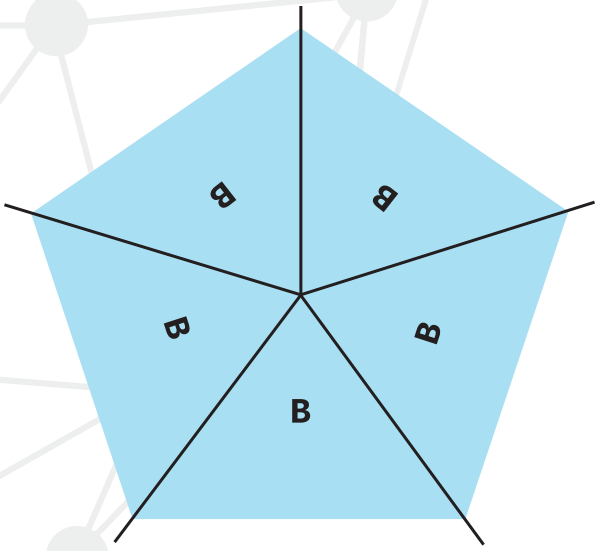
MAKE YOUR OWN HUMANITY STAR

You will need:

- All 6 sheets of template paper
- Glue and tape
- Scissors
- Aluminum foil
- Newspaper

What do to:

1. Print out 6 copies of the template
2. Glue aluminum foil to the back of each sheet and wait until dry
3. Cut out the triangles along the dotted lines
4. Fold the black solid lines to make flaps for gluing
5. Glue together 5 B triangles to make a pentagon. Make sure the top of each B is pointing towards the middle



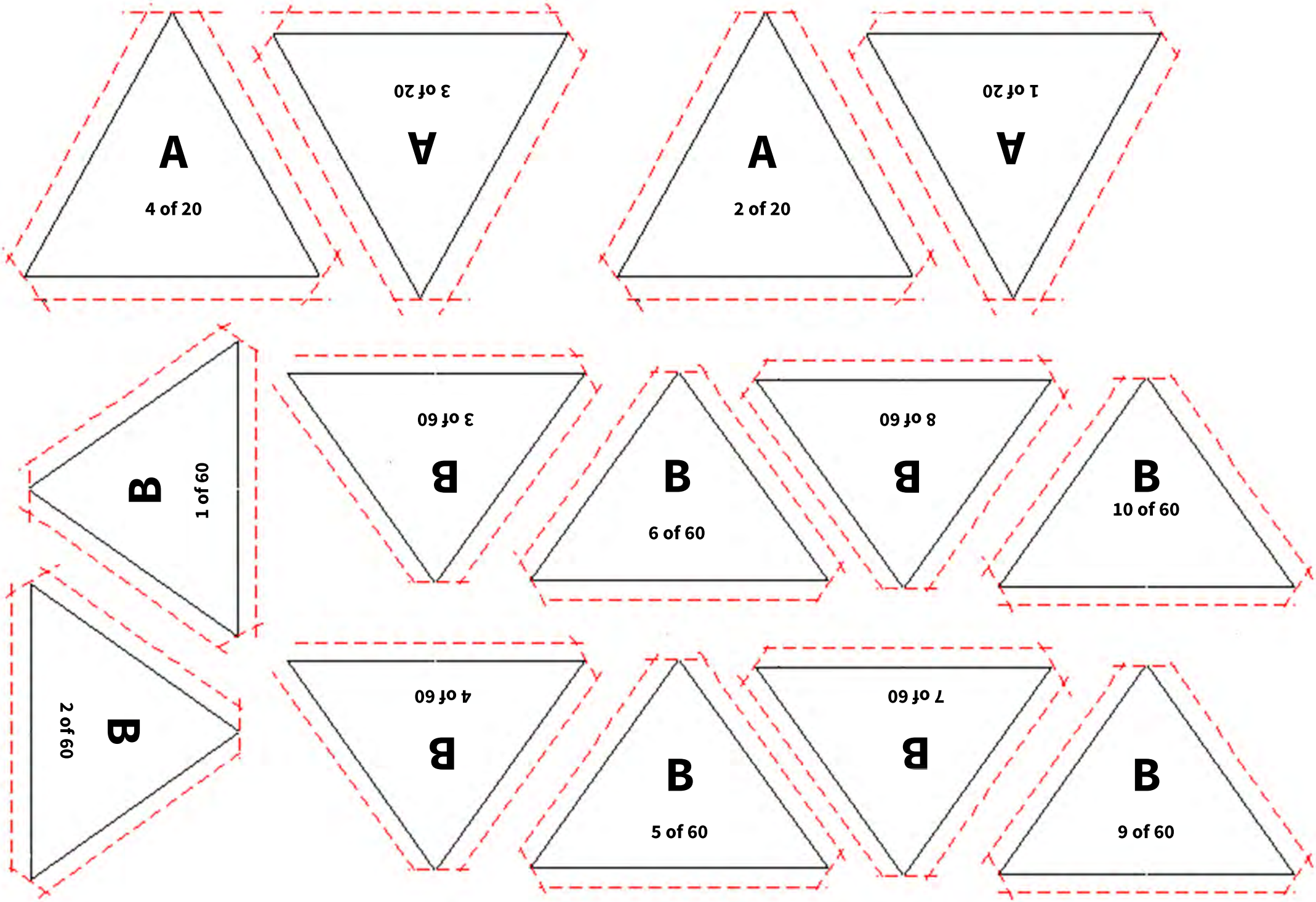
6. Make 6 pentagons altogether

You can track the Humanity Star's location at **www.TheHumanityStar.com** to find out when it will be overhead and visible in your region.

HUMANITY
STAR

7. Use one A triangle to join together two pentagons
8. Continue adding A triangles and 3 more pentagons to make a circle.
9. Fill in the gaps in the top using A triangles
10. Place the final pentagon on top and glue or tape it in place
11. You have now made half of a Humanity Star
12. Repeat steps 5 - 10 to make the second half of your Humanity Star
13. Fill the two halves with scrunched up newspaper to help them keep their shape and glue or tape the two halves together
14. Take a picture of your model and share it on social media using **#HumanityStar**

You can track the Humanity Star's location at **www.TheHumanityStar.com** to find out when it will be overhead and visible in your region.


A
4 of 20
A
3 of 20
A
2 of 20
A
1 of 20
B
1 of 60
B
2 of 60
B
3 of 60
B
6 of 60
B
8 of 60
B
10 of 60
B
4 of 60
B
5 of 60
B
7 of 60
B
9 of 60

A 5 of 20

A 6 of 20

A 7 of 20

A 8 of 20

B 20 of 60

B 18 of 60

B 16 of 60

B 13 of 60

B 11 of 60

B 12 of 60

B 14 of 60

B 15 of 60

B 17 of 60

B 19 of 60

A 9 of 20

A 10 of 20

A 11 of 20

A 12 of 20

B 21 of 60

B 22 of 60

B 23 of 60

B 24 of 60

B 25 of 60

B 26 of 60

B 27 of 60

B 28 of 60

B 29 of 60

B 30 of 60

A 13 of 20

A 14 of 20

A 15 of 20

A 16 of 20

B 31 of 60

B 32 of 60

B 33 of 60

B 34 of 60

B 35 of 60

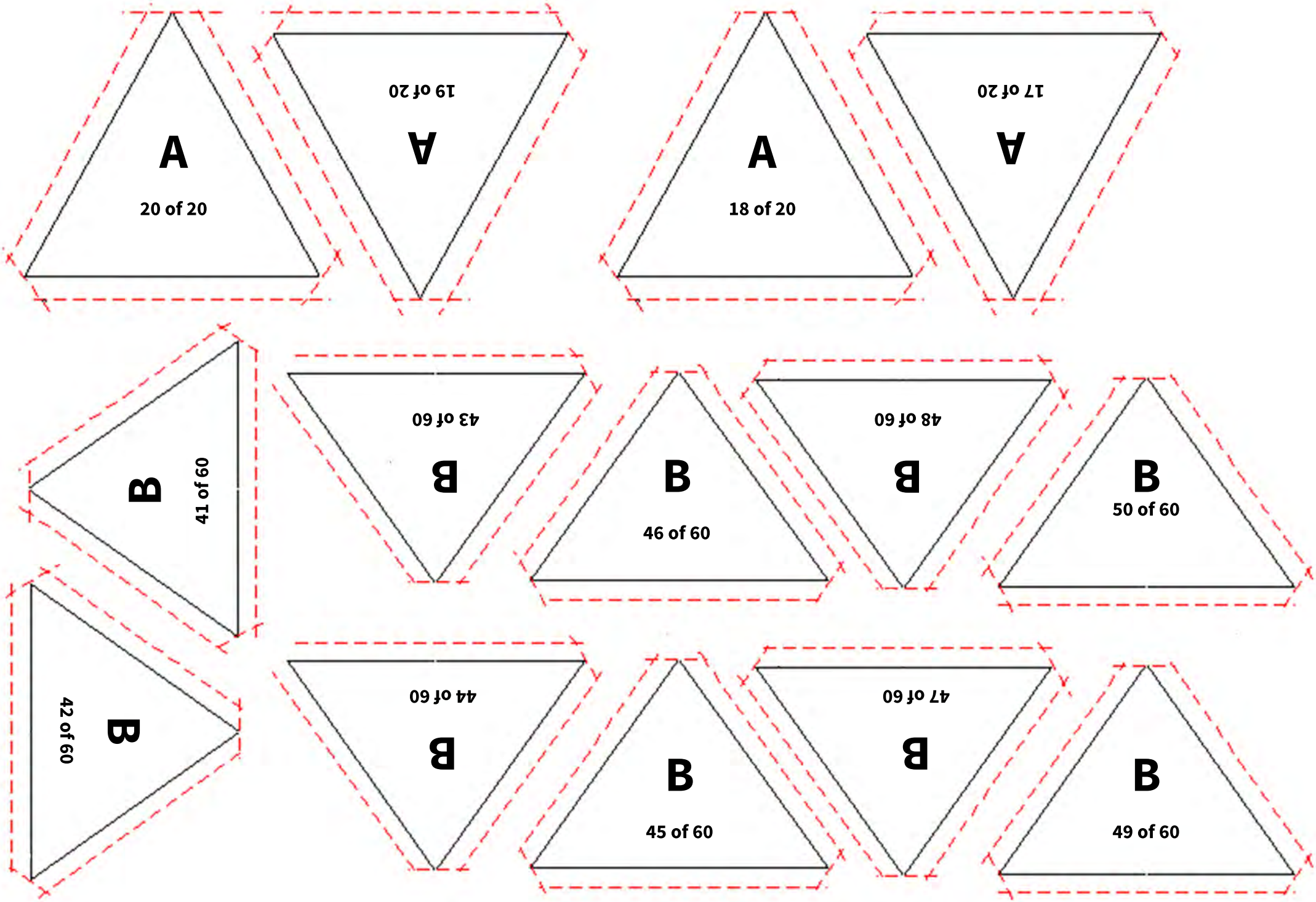
B 36 of 60

B 37 of 60

B 38 of 60

B 39 of 60

B 40 of 60


A
20 of 20
A
19 of 20
A
18 of 20
A
17 of 20
B
41 of 60
B
42 of 60
B
43 of 60
B
44 of 60
B
46 of 60
B
45 of 60
B
48 of 60
B
47 of 60
B
50 of 60
B
49 of 60

B
60 of 60
B
59 of 60
B
58 of 60
B
57 of 60
B
56 of 60
B
55 of 60
B
53 of 60
B
54 of 60
B
51 of 60
B
52 of 60