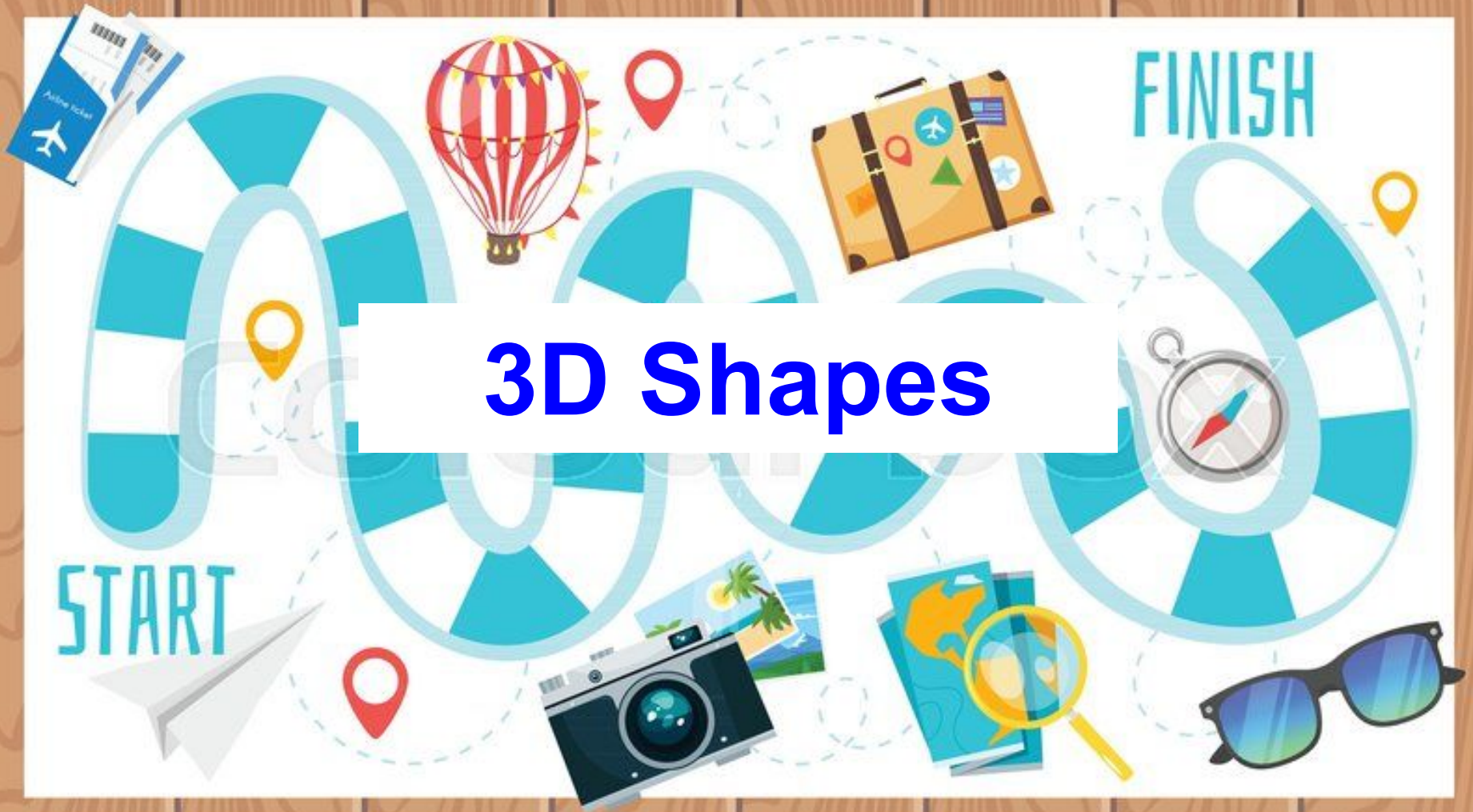


3D Shapes



The background is a solid teal color. Scattered across the surface are several white dice, some showing different faces with black pips. The dice are positioned around the edges of the white text boxes.

TODAY WE ARE GOING TO MAKE SOME DICE!

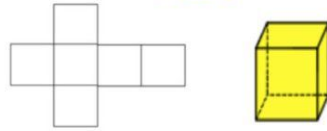
- What shape are dice?
- What happens if we have a cube made out of paper and we unfold it?

The unfolded paper version of a 3D shape is called a net.

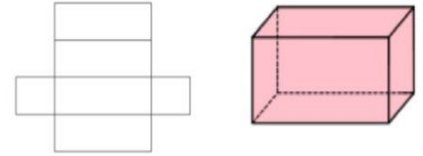


Nets

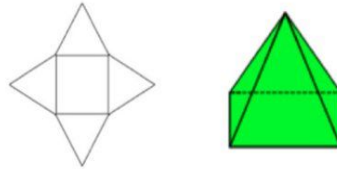
Cube



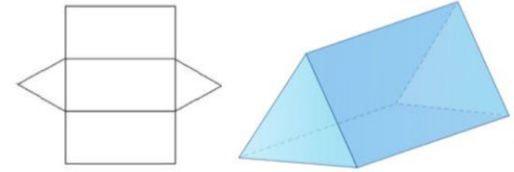
Cuboid



Square-based Pyramid



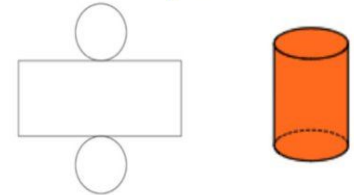
Triangular Prism

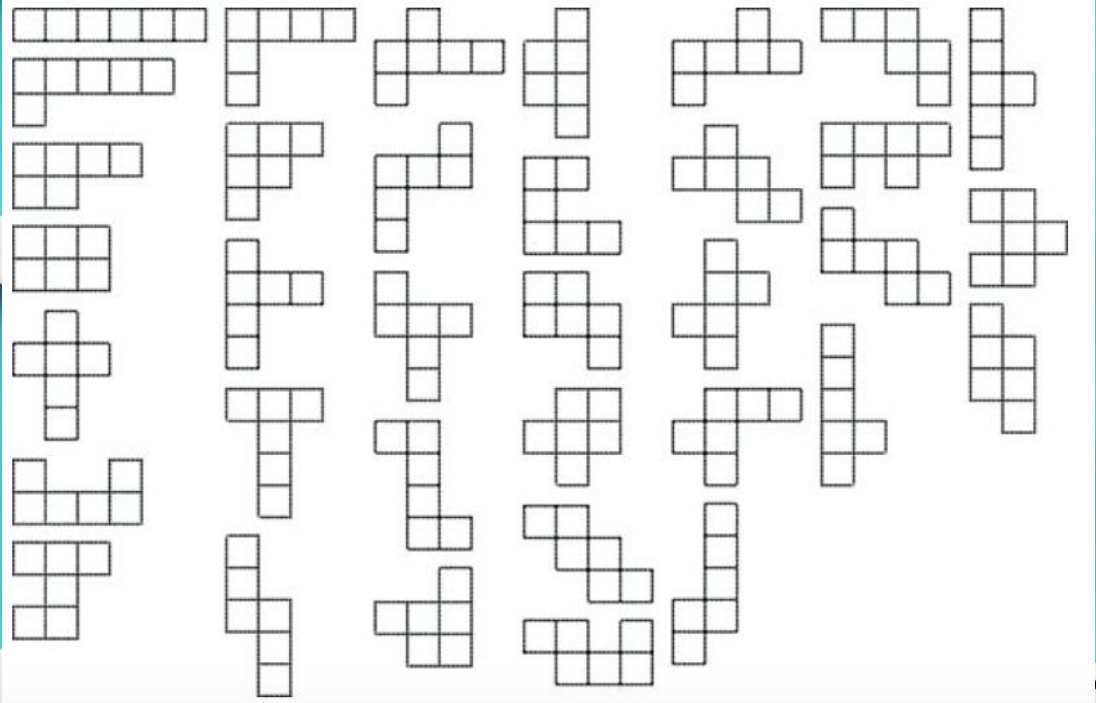


Cone



Cylinder



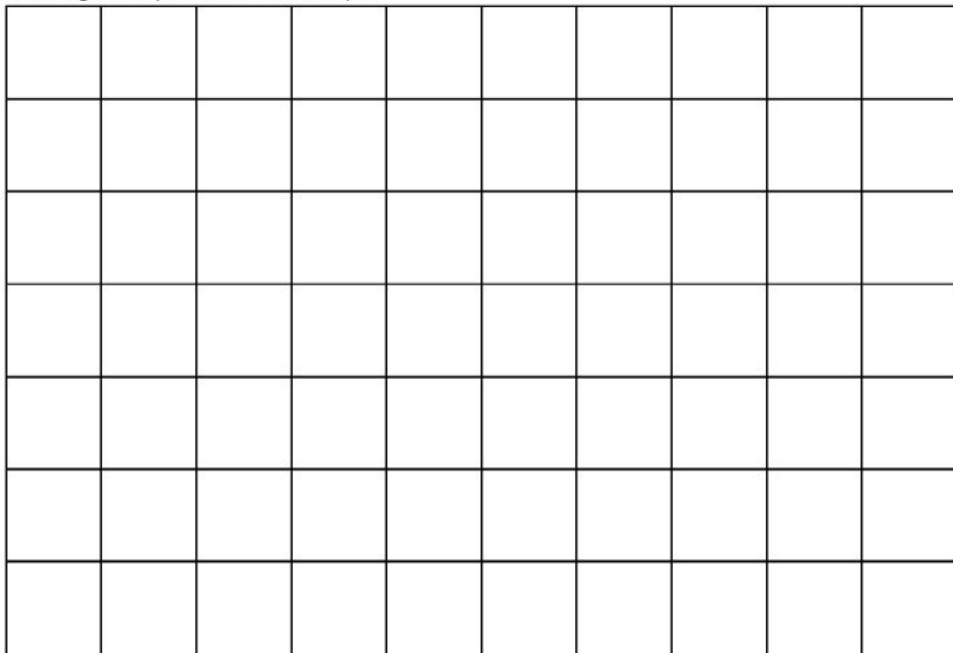


There are 35 ways to arrange 6 squares, but only 11 of them are nets of a cube.

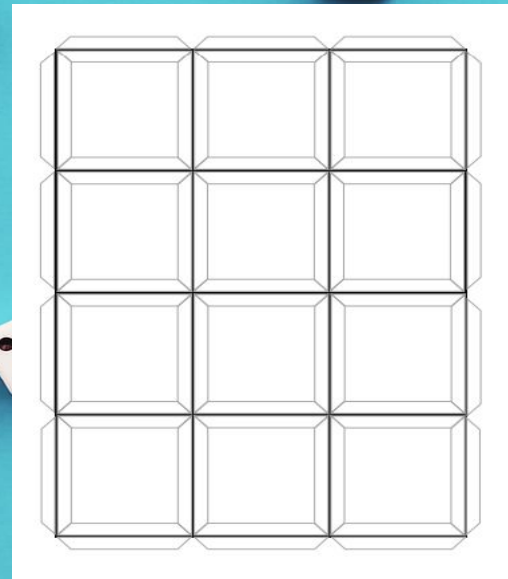
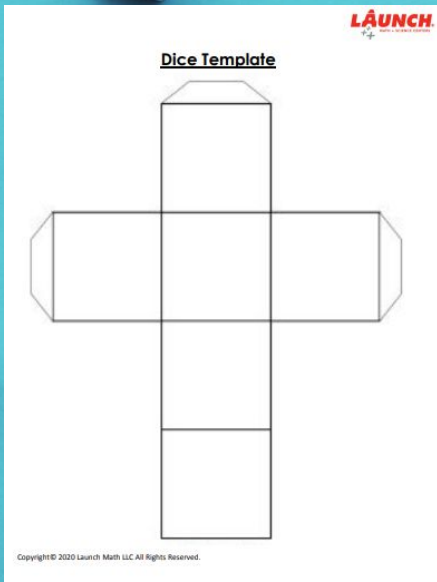
Use this grid to try different net shapes



Use this grid to try out different net shapes



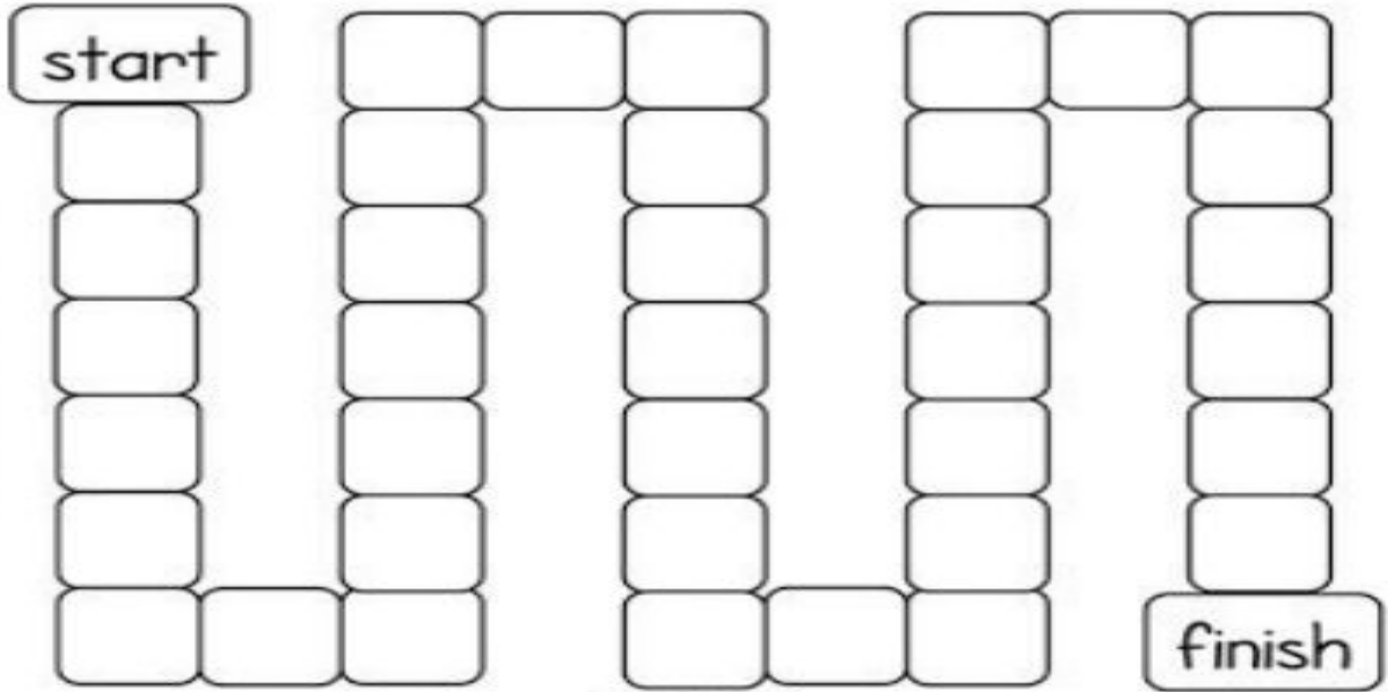
[Click here for an interactive tool](#)



Use this worksheet
to make your dice!

Or use this one to
make your own net
for your dice

Board Game Template



Then use this worksheet to make a board game to go with your dice!