

Mathematics

# Downloadable Resource - Nets of cubes

Mrs Buckmire



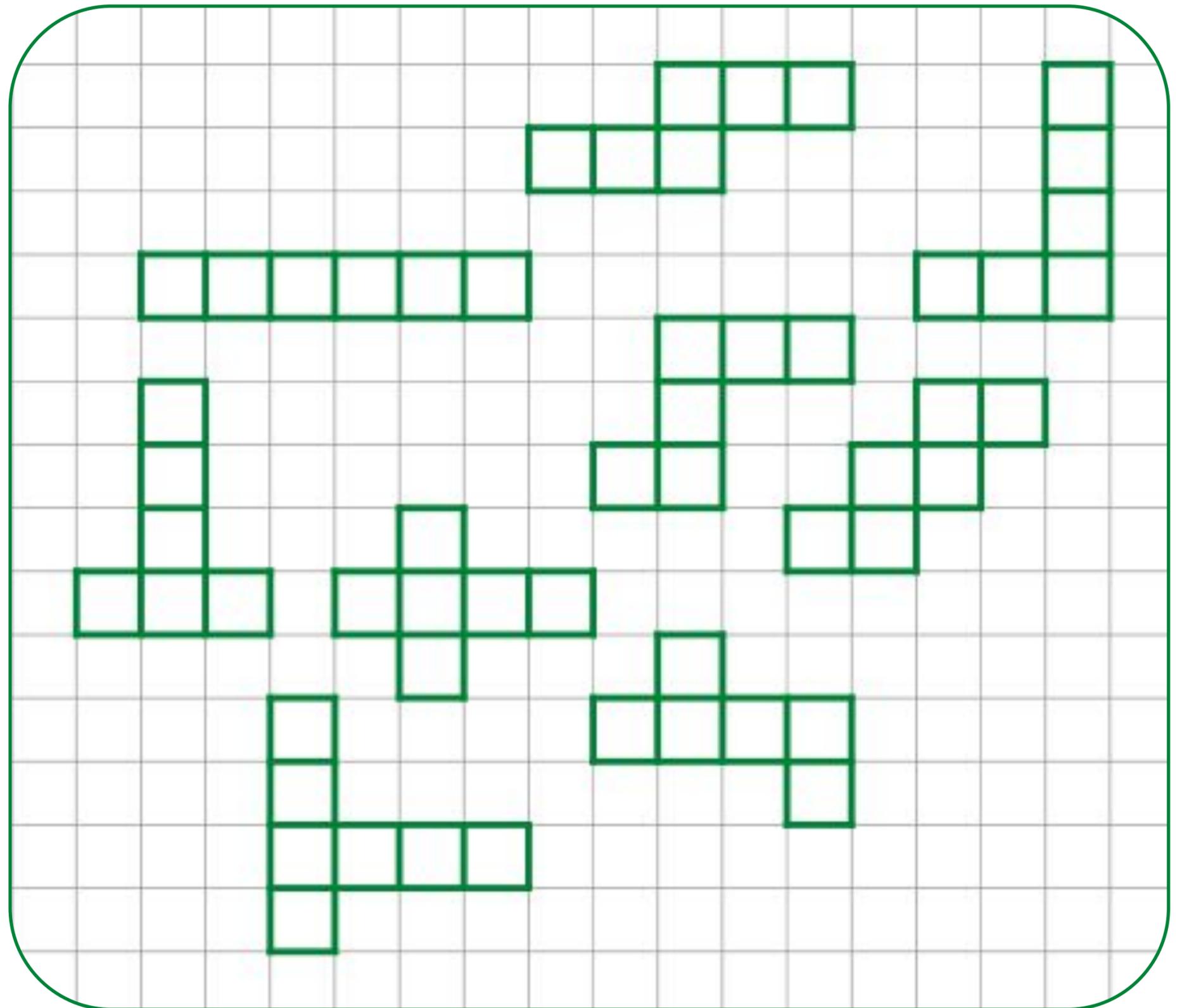
## Try this

Which of these would **not** make a cube? Why?

Challenge: Find all the possible nets for a cube.

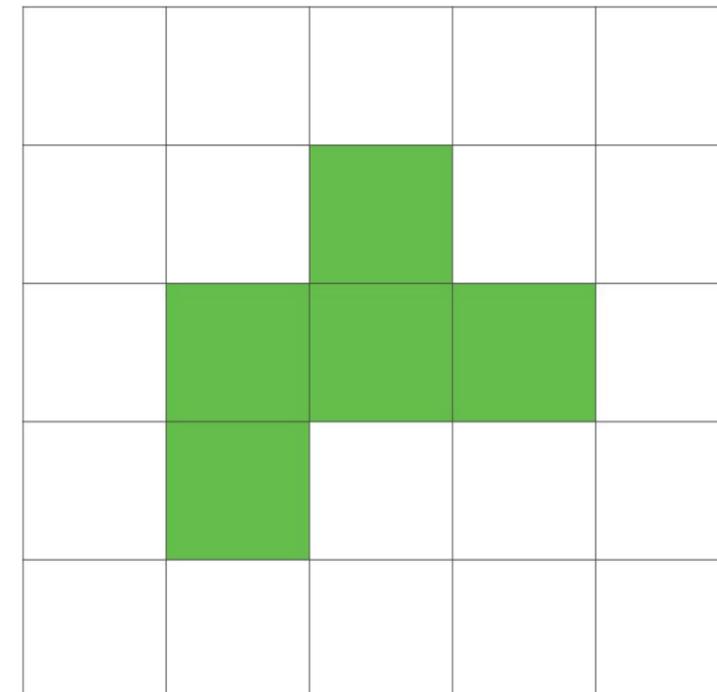
(There are more than 10!)

Return to the video once completed.

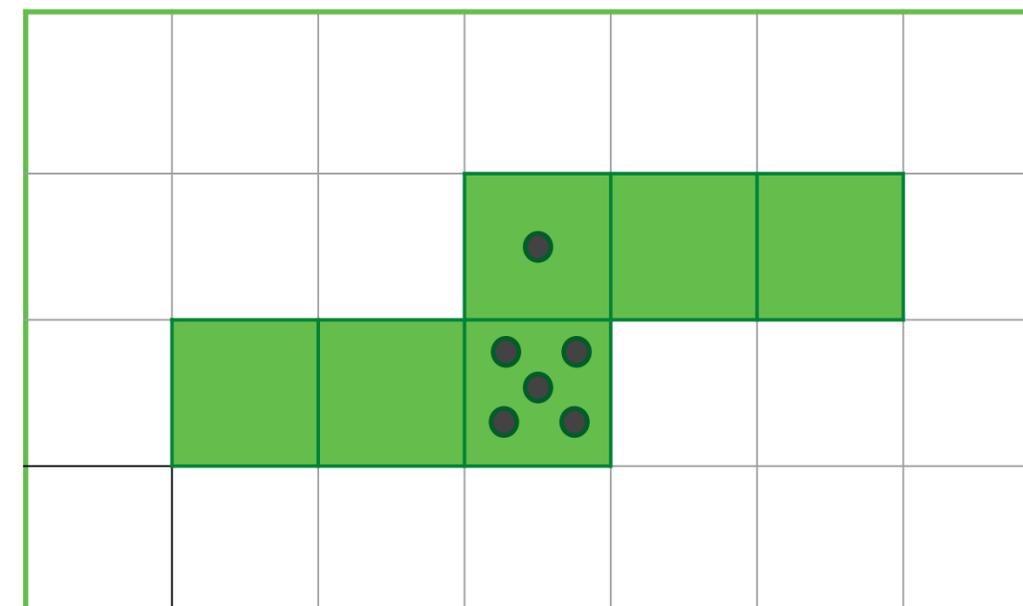


# Independent task (page 1)

1. Part of a cube net is shown.  
Shade in 1 more box to complete the net.



2. A net of a die is shown. The number of dots on the opposite faces of a die add up to 7. Fill in the missing faces.



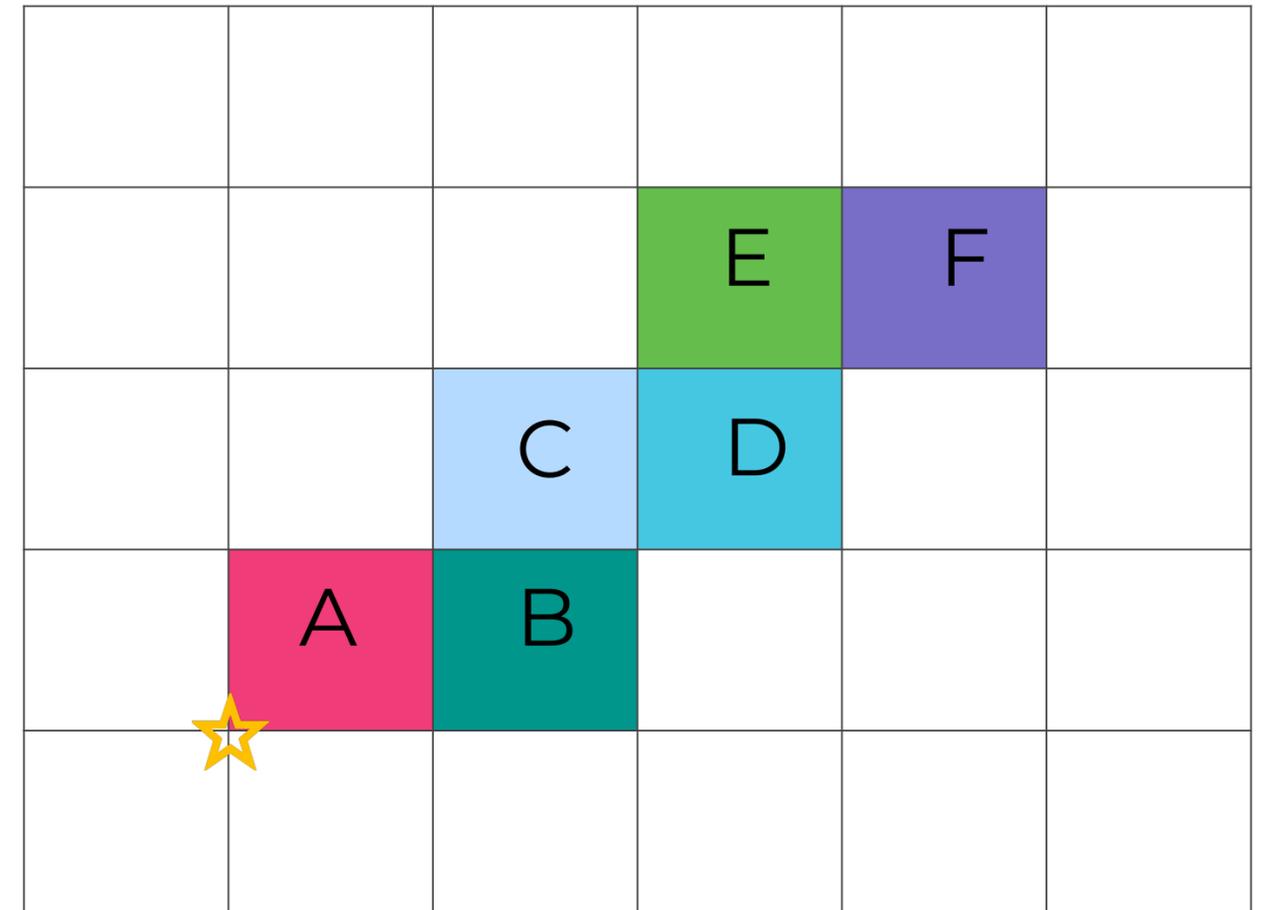
1 more question on the next slide!



## Independent task (page 2)

3. A net is shown with the faces labelled. Answer the questions below about the constructed cube.

- a) Which faces will be adjacent to D and E?
- b) Identify the corners that will connect with the star.
- c) Which faces will be opposite each other?



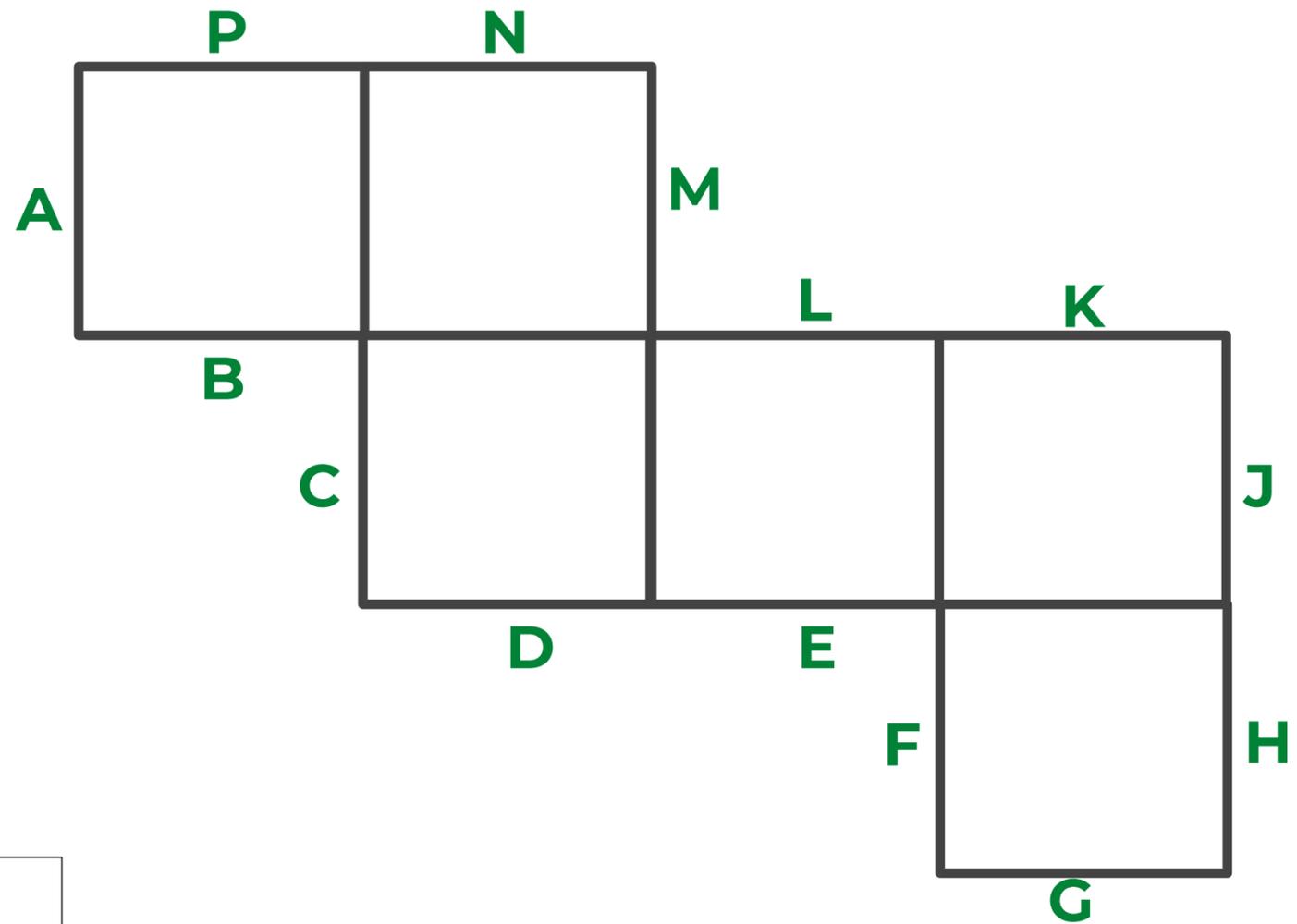
Return to the video once completed.



# Explore

When this net is folded into a cube:

- Which sides will touch?
- Which sides will be furthest apart?



Return to the video once completed.

