

Mathematics

# Downloadable Resource - Nets of cubes

Mrs Buckmire

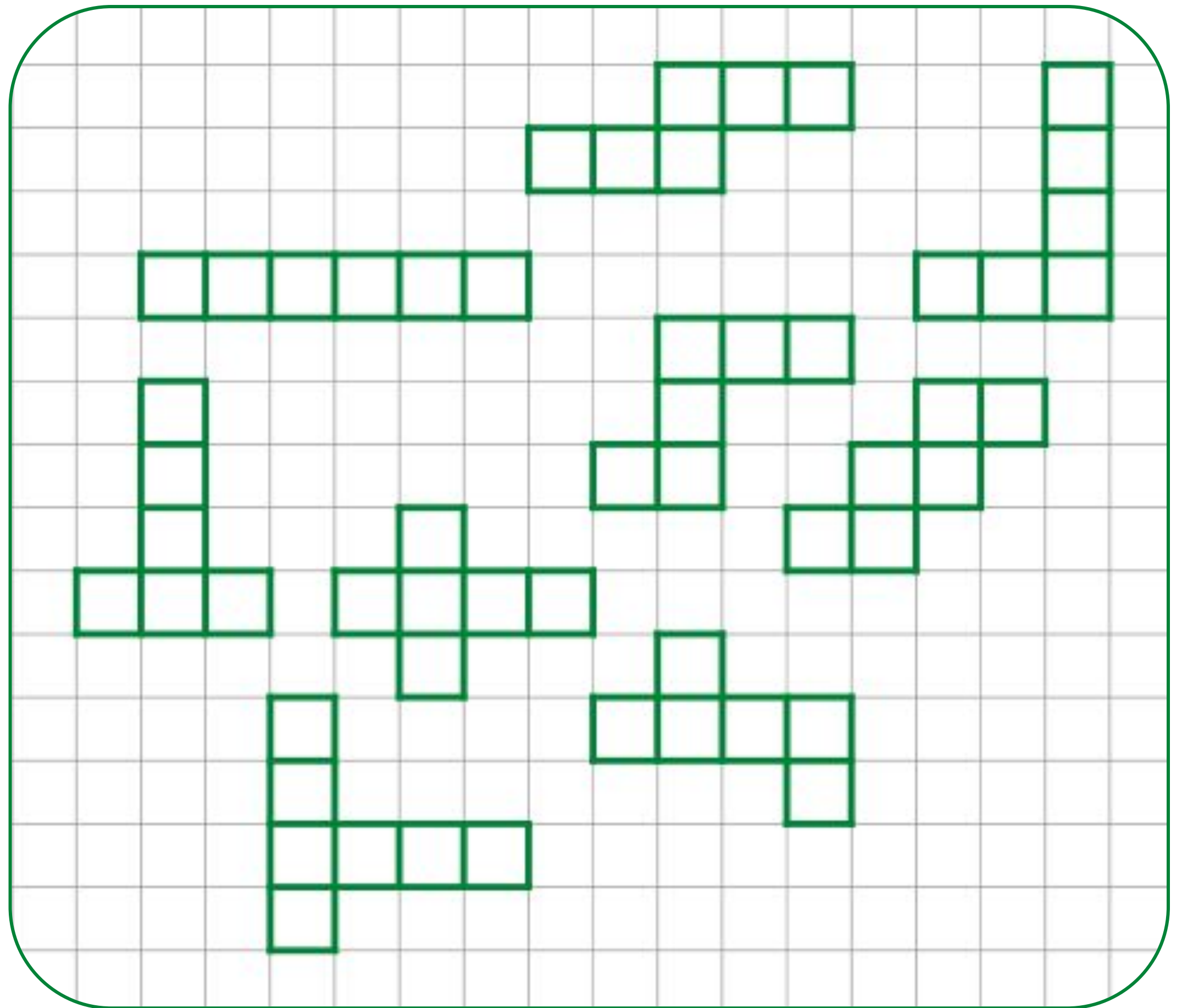


## Try this

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

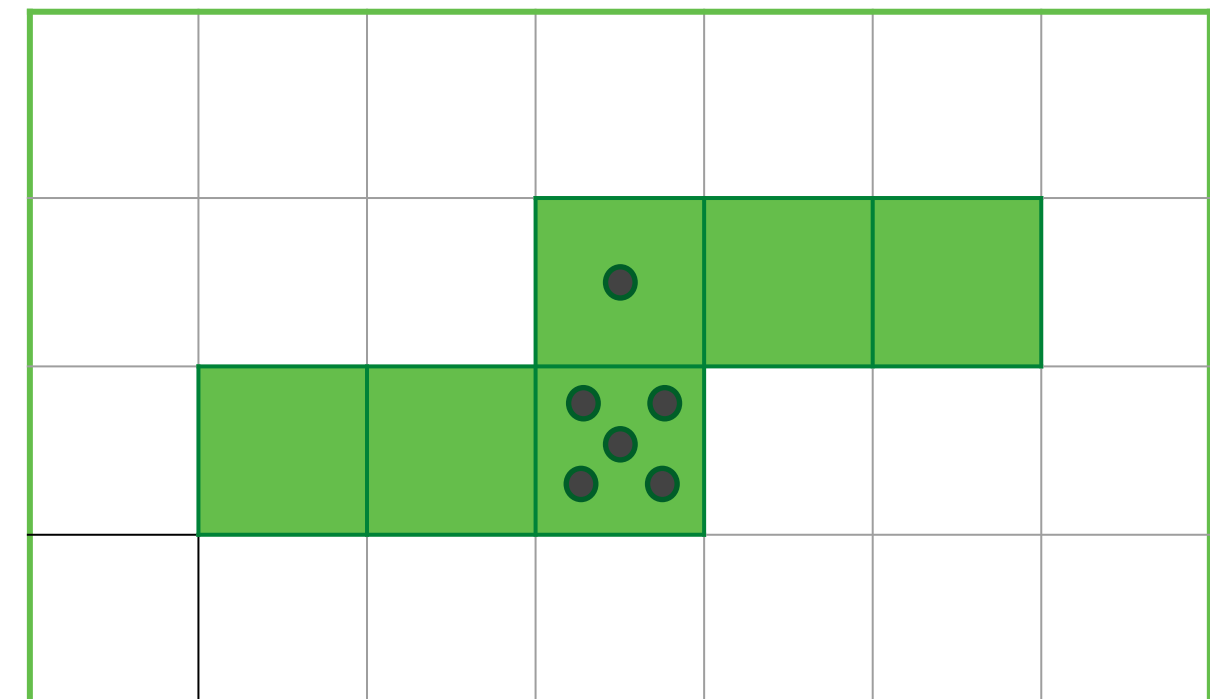
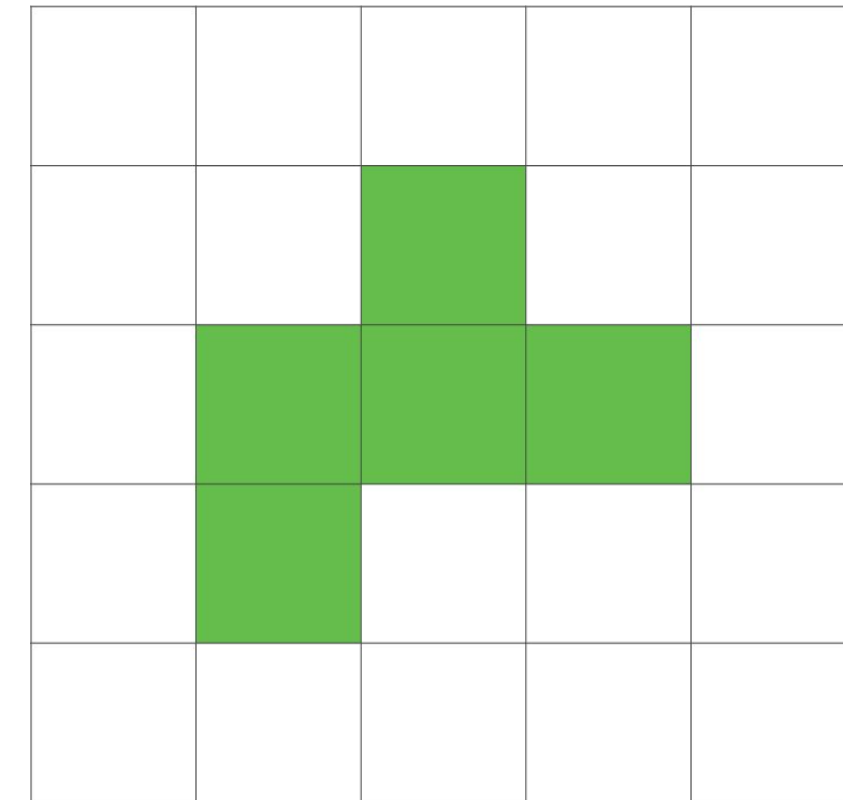
Challenge: Find all the  
possible nets for a cube.  
(There are more than 10!)

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.



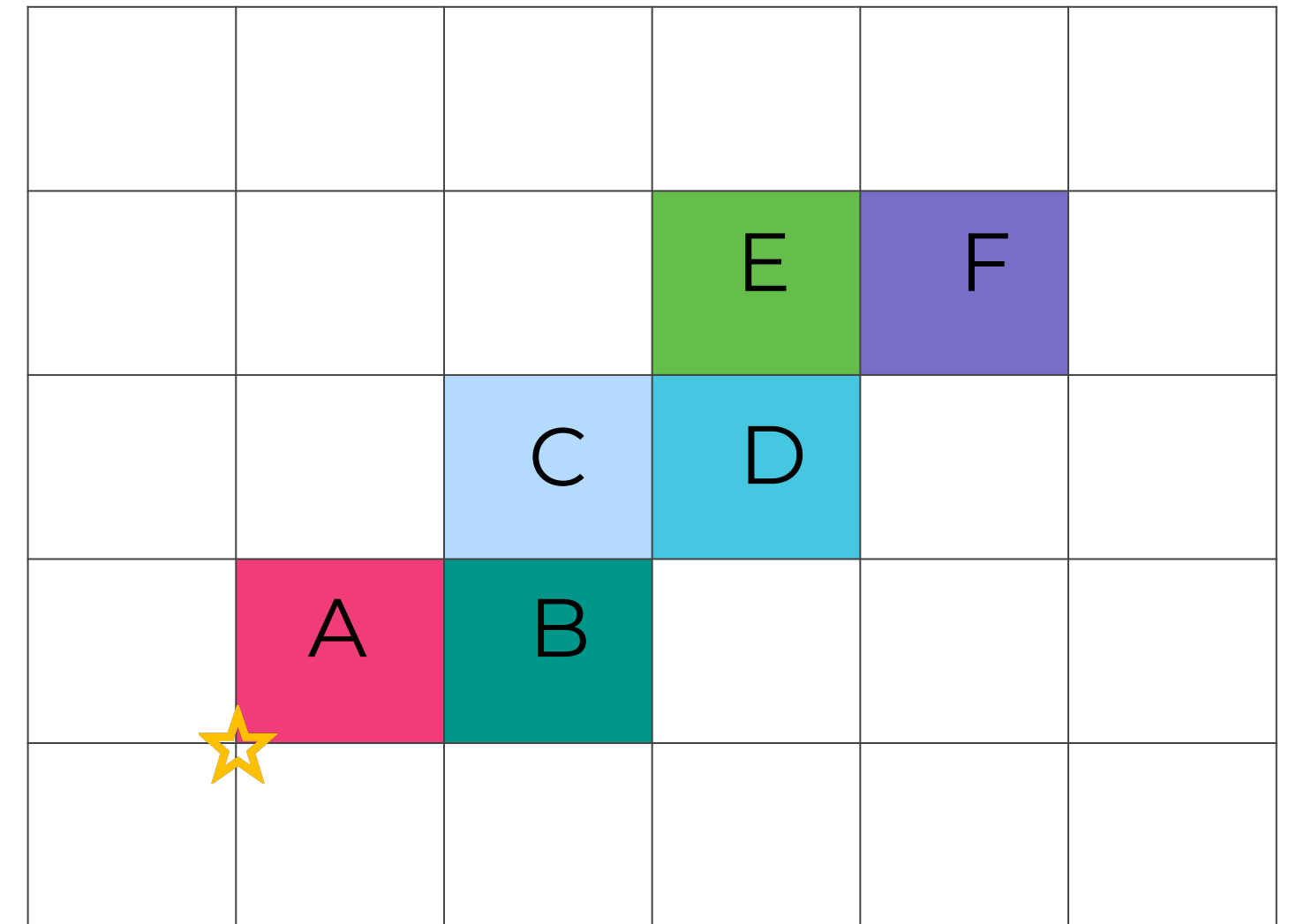
1 more question on the next slide!



## 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:

- a) Which sides will touch?
- b) Which sides will be furthest apart?

Return to the video once completed.

