

Mathematics

# Bearings within regular polygons

## Worksheet

Mr Coward

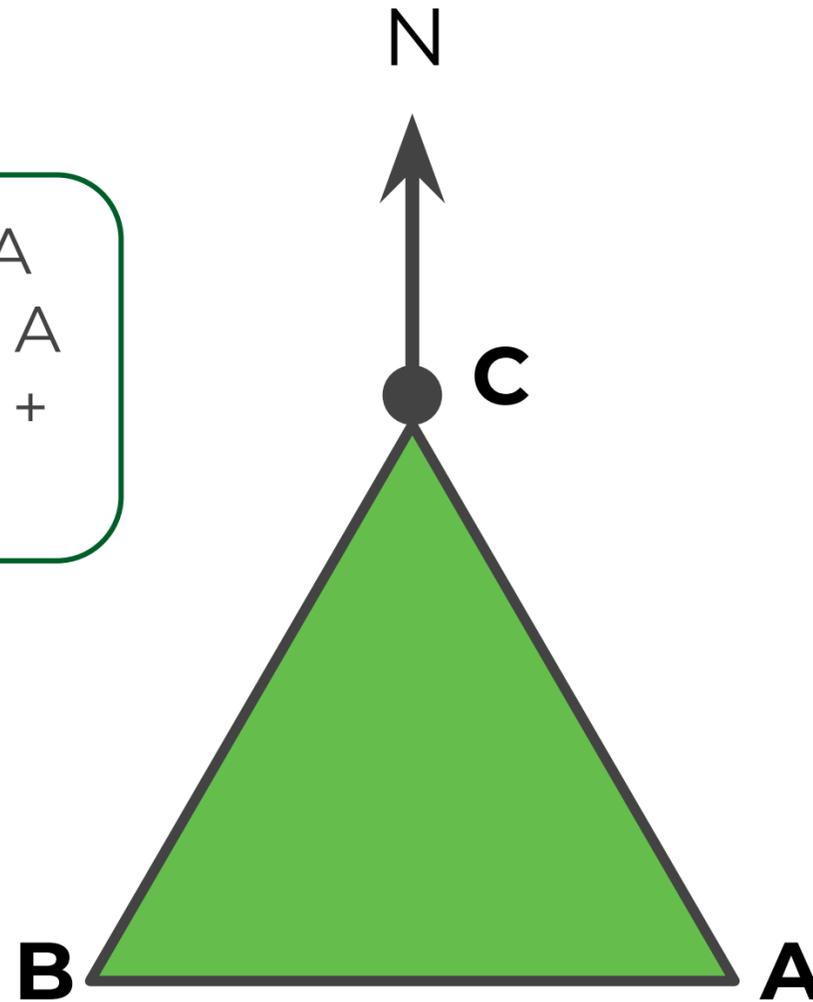


**OAK**  
NATIONAL  
ACADEMY

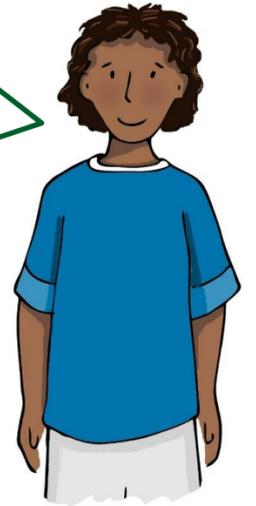
# Try this



I added B from C, A from B, and C from A to get a total of  $210 + 090 + 330$



I added A from C, B from A, and C from B to get a total of  $150 + 270 + 030$

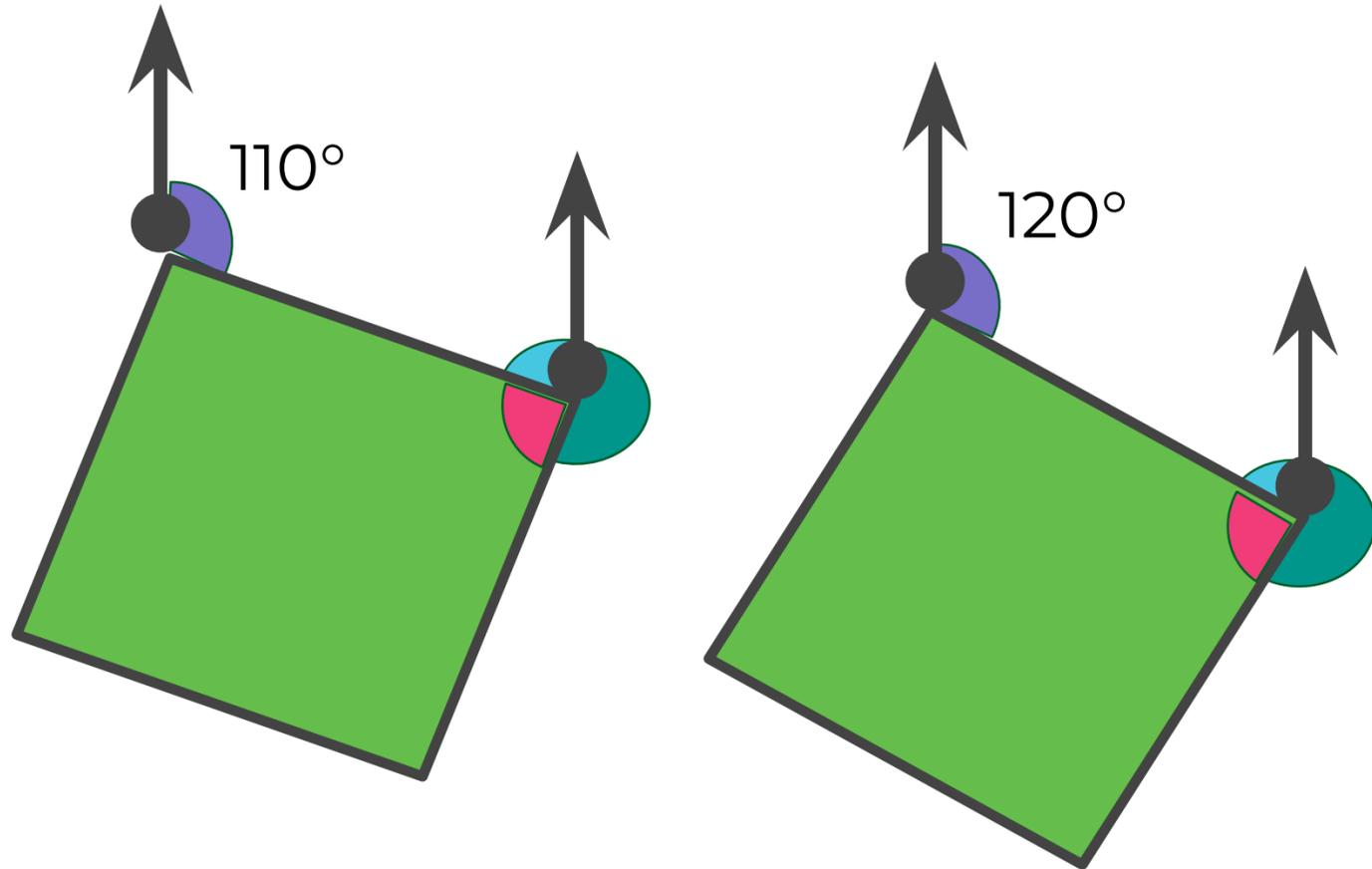


What do you notice? What is unusual?

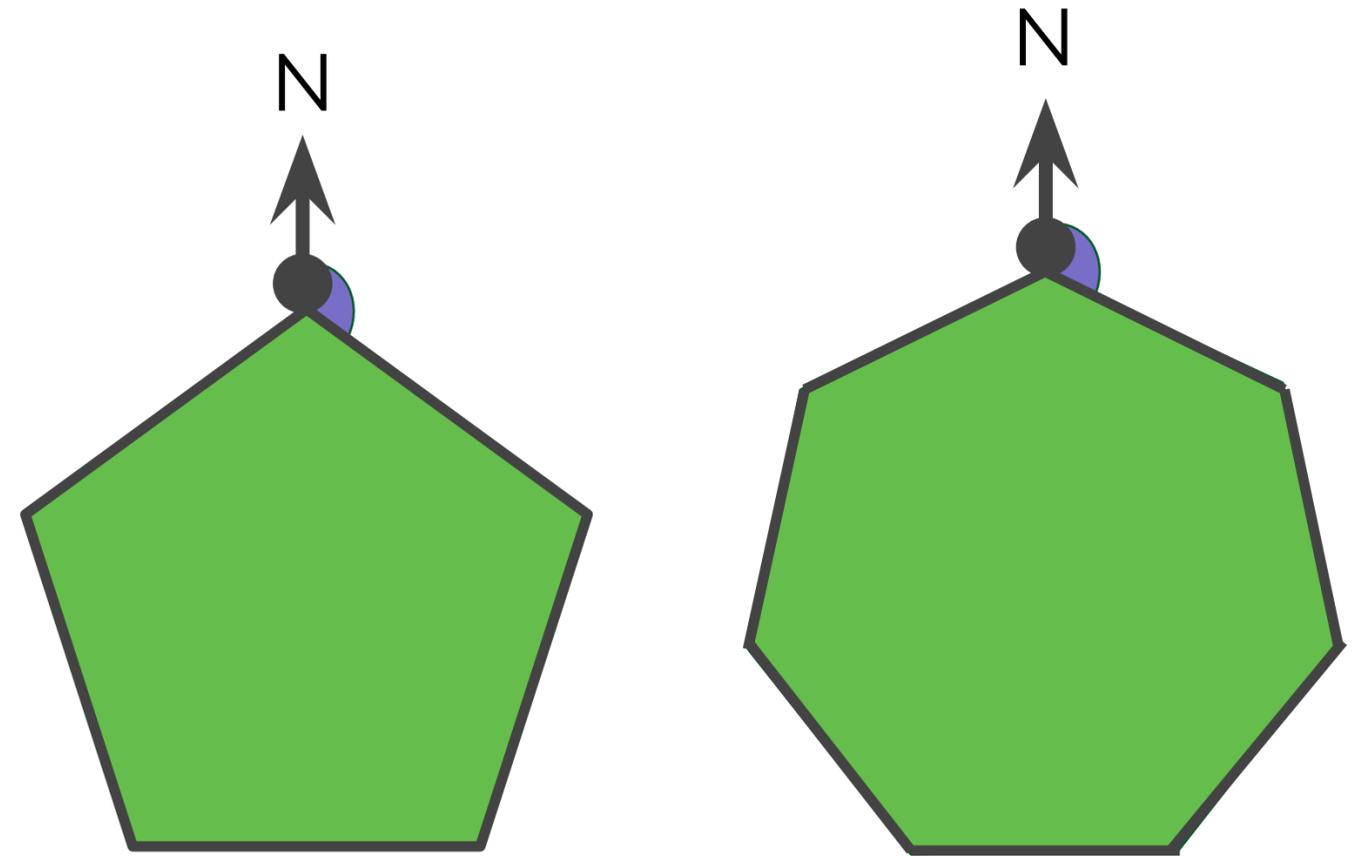


# Independent Task

1) Find the missing angles.



2) Find the missing angles on these regular shapes

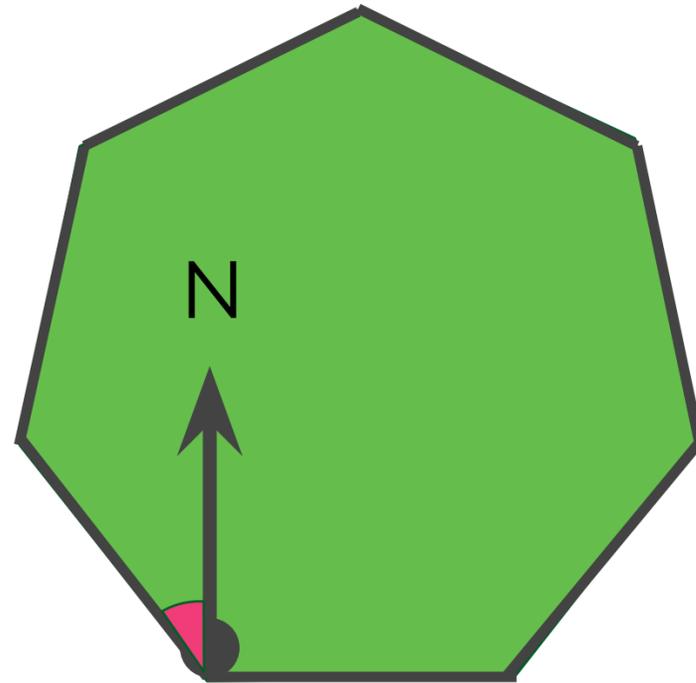
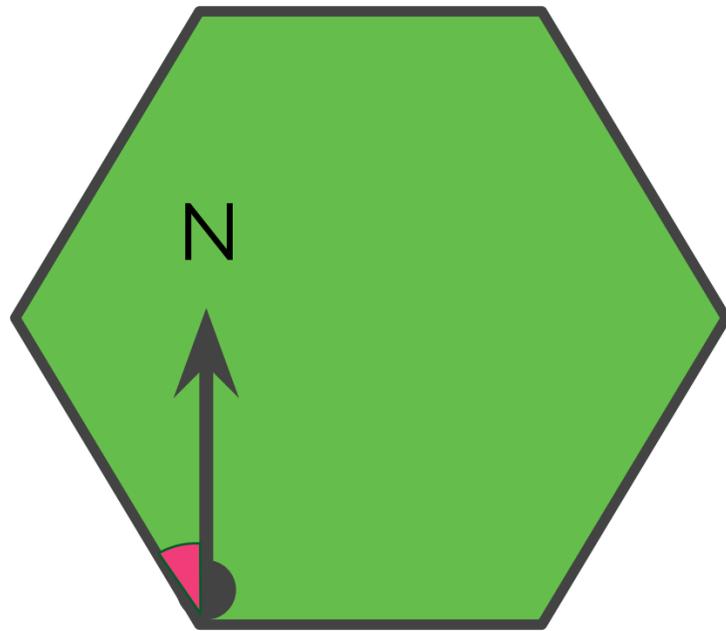


Comment on anything you notice?



# Independent Task

3) Find the missing angles on these regular shapes



# Explore

Explore this pattern with different regular polygons.

