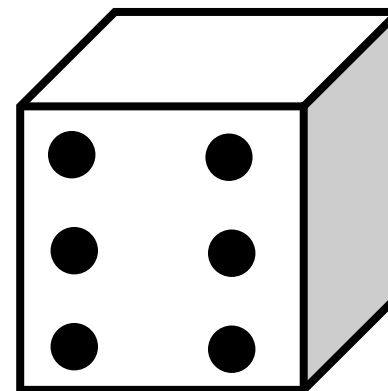
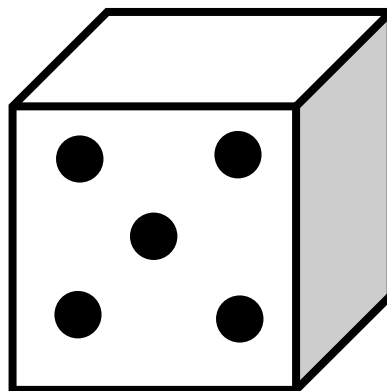
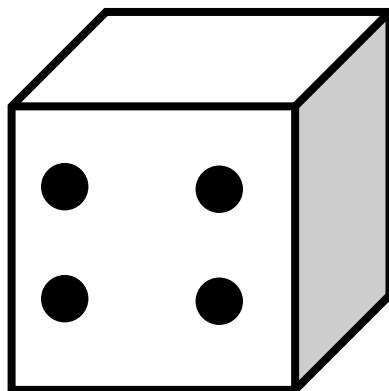
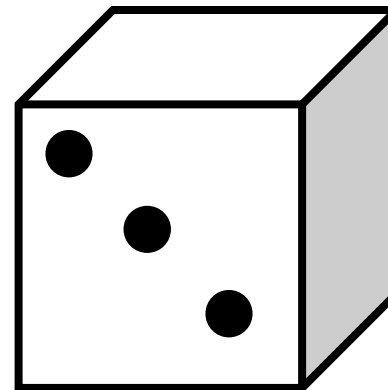
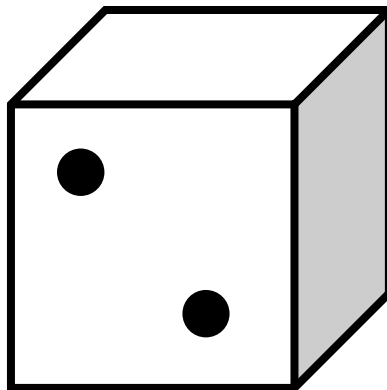
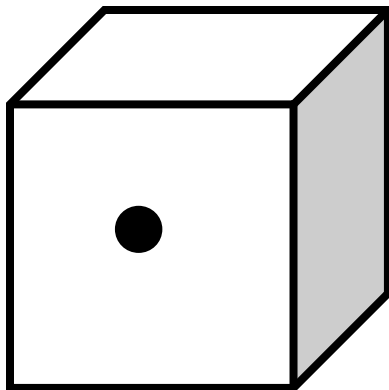
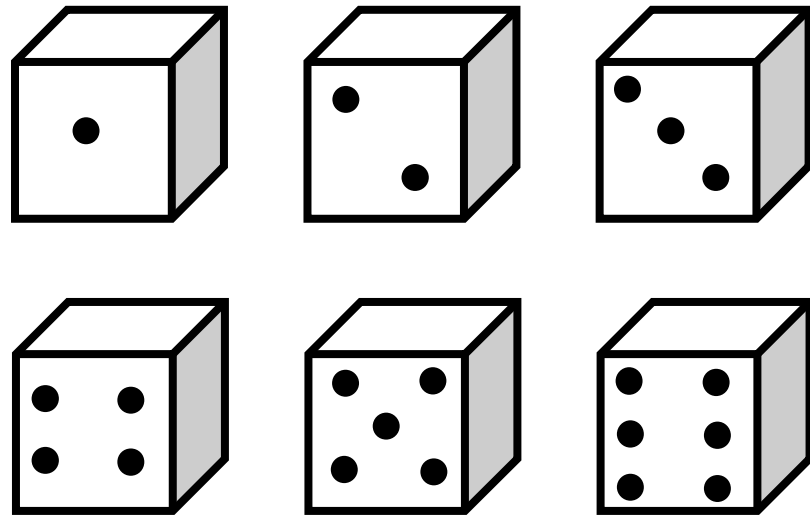


We begin with a pattern game.

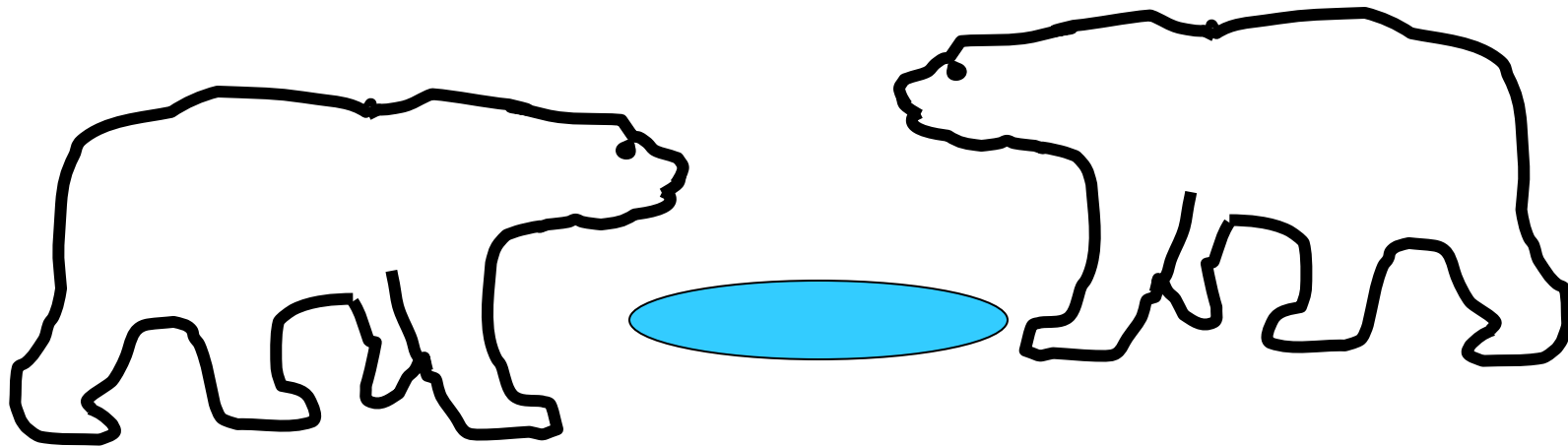


If you know the secret to the game,  
*please* do not reveal it to other viewers.

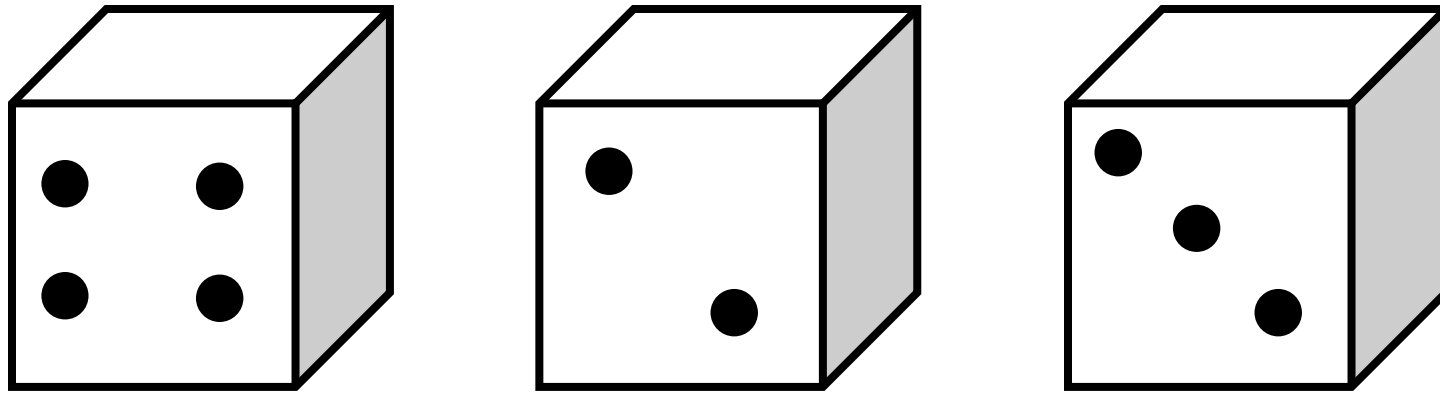
You may call out the numbers just to  
show that you *understand* the secret,  
without *revealing* the secret!



Polar bears have noses and sometimes congregate around ice holes. Your task is to figure where the noses are and where the ice holes are.

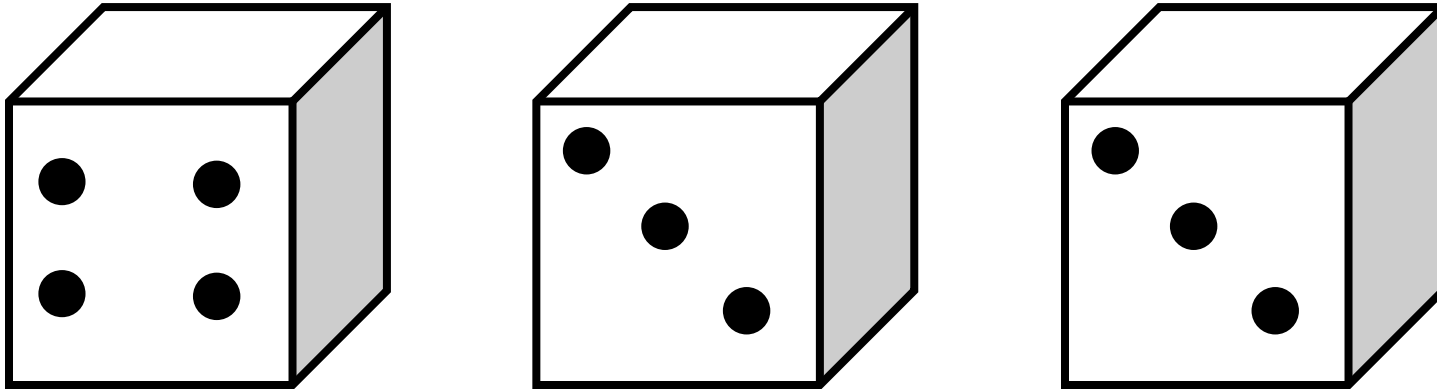


# Example One:



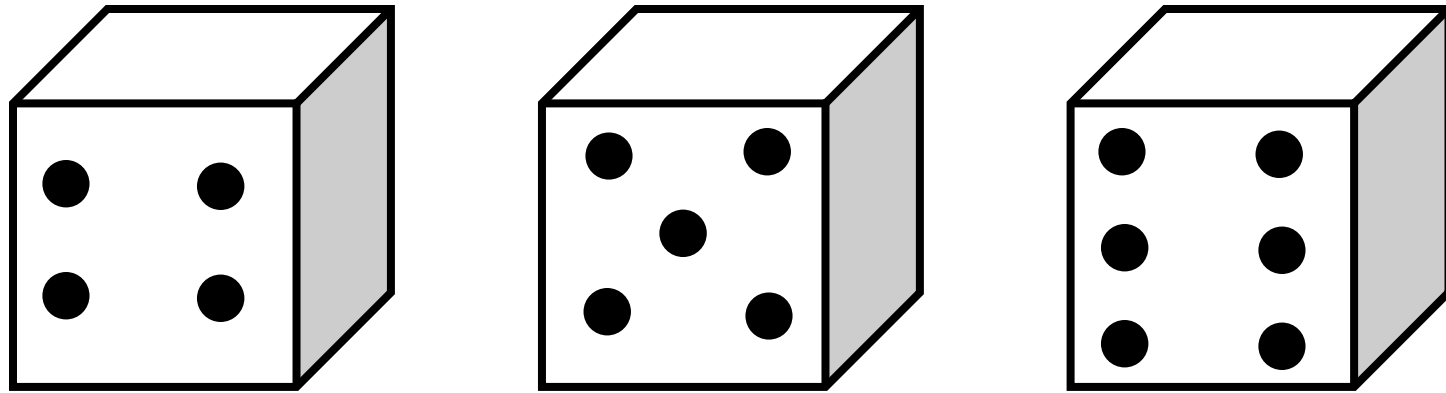
There are two noses  
around one ice hole.

## Example Two:



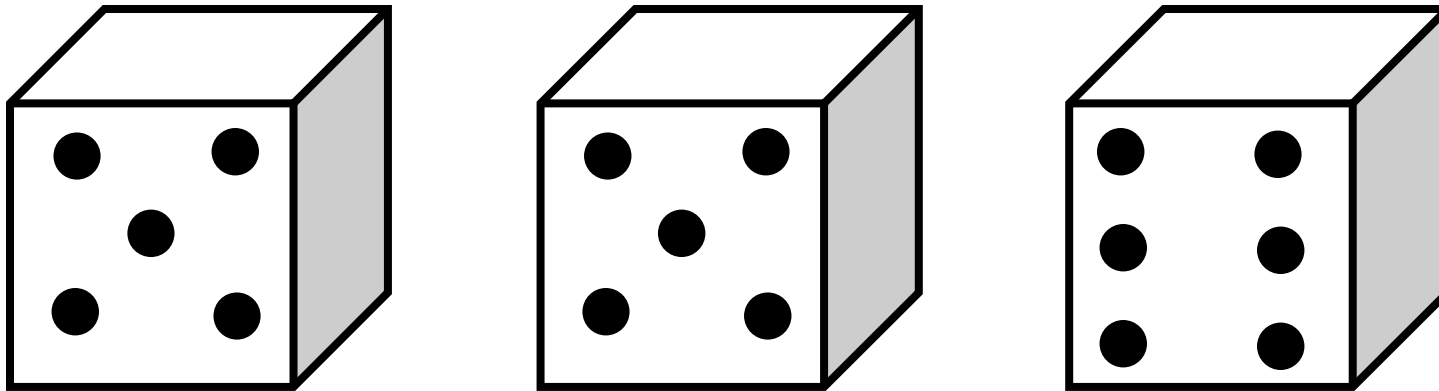
There are four noses  
around two ice holes.

# Example Three:



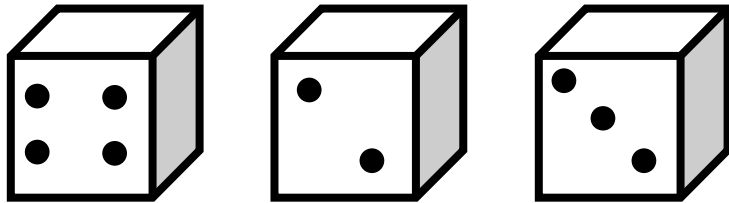
There are four noses  
around one ice hole.

# Example Four:

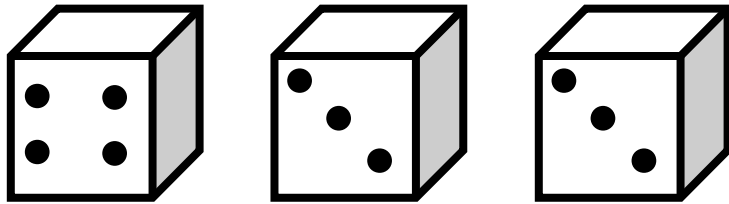


There are eight noses  
around two ice holes.

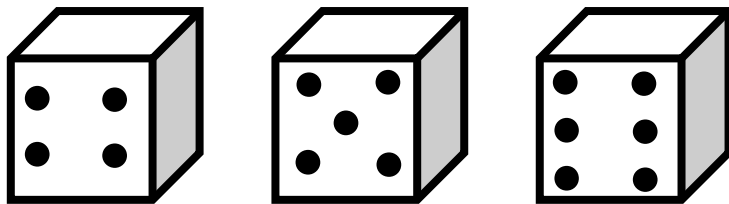
# Summary of the observations so far:



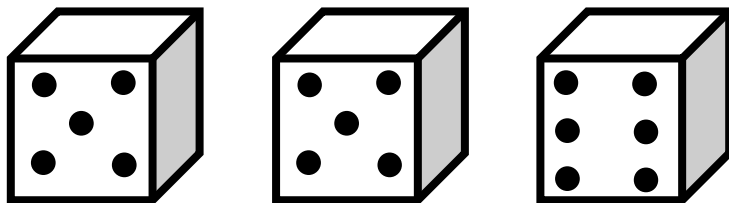
2 around 1



4 around 2

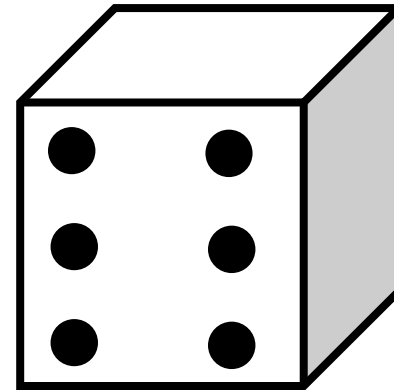
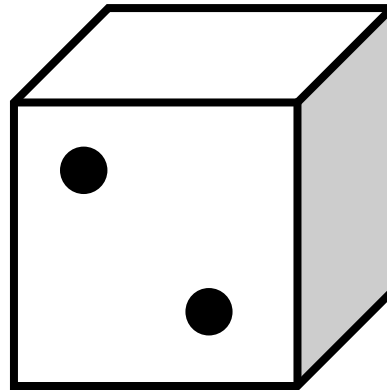
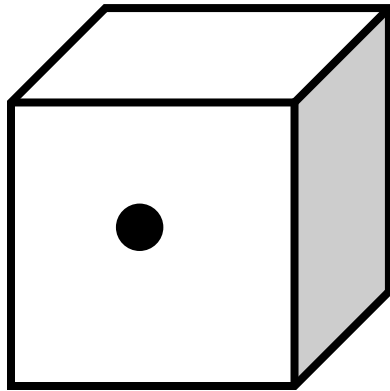


4 around 1



8 around 2

Try this one:

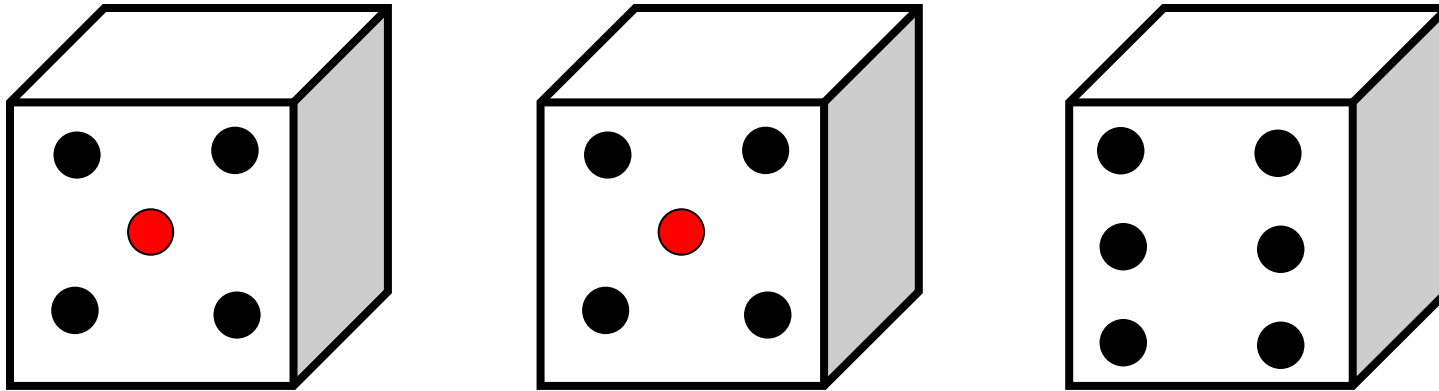


How many noses around how many holes?

There are zero noses around one ice hole.

Is that what you got?

Hint: an ice hole is a dot in the middle of the side.



How many noses around how many holes?

There are eight noses around **two** ice holes.

Now do you see where the eight noses are?