1. Eugenio has been making patterns.

- What is changing in his pattern? $\qquad$
- How many times does it repeat? $\qquad$
- How many shapes are there to each repeat? $\qquad$
- What would the $10^{\text {th }}$ cylinder look like?


2. Ms. Smith came across this riddle and is very stuck.

Can you help her work out the shape?
I have 6 lots of faces
I'm simple and nice
Can be seen in multiple places
And I could be a dice.
What am I?
How do you know?

