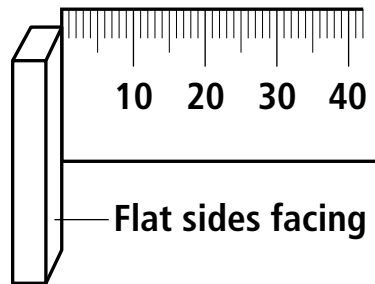
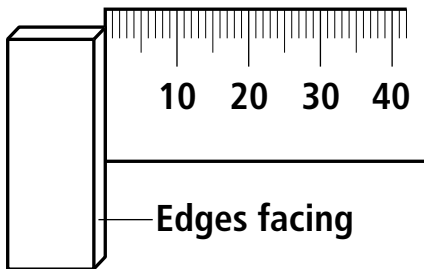


Find the Poles, Page 1



- Find the distance at which the ferrite magnets repel when lying flat so that their edges are facing each other. Record the distance in the table.
- Find the distance at which the ferrite magnets repel when on their edges so that their flat sides are facing. Record the distance in the table.



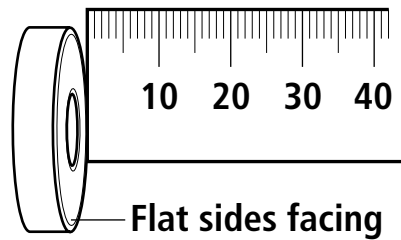
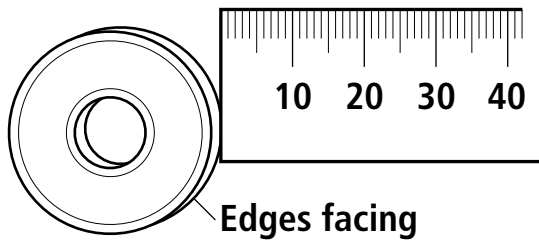
Ferrite Magnets	Repelling Distance (mm)			
	Trial 1	Trial 2	Trial 3	Average
Magnets Lying Flat with Edges Facing				
Magnets Standing on Edge with Flat Sides Facing				

- The poles are the strongest part of a magnet. Are the poles of a ferrite magnet on its flat sides or on its edges?

Find the Poles, Page 2



- 1 Find the distance at which the ring magnets repel when lying flat so that their edges are facing each other. Record the distance in the table.
- 2 Find the distance at which the ring magnets repel when on their edges so that their flat sides are facing. Record the distance in the table.



Ring Magnets	Repelling Distance (mm)			
	Trial 1	Trial 2	Trial 3	Average
Magnets Lying Flat with Edges Facing				
Magnets Standing on Edge with Flat Sides Facing				

- 3 The poles are the strongest part of a magnet. Are the poles of a ring magnet on its flat sides or on its edges?
