

Electricity and Magnetism / Set 2 / Animation 3

Name _____ Class _____

<Show all work on calculations. Include proper units. Explanations require complete sentences.>

1) Determine the polarity of the unknown poles in each animation.

Animation 1

Pole 1 _____

Pole 2 _____

Pole 3 _____

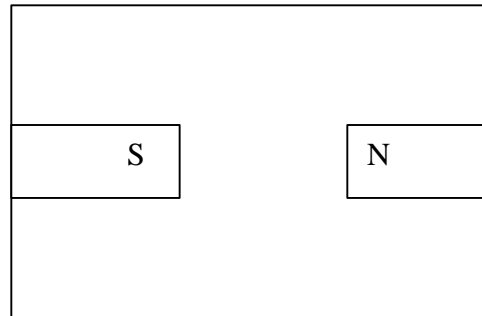
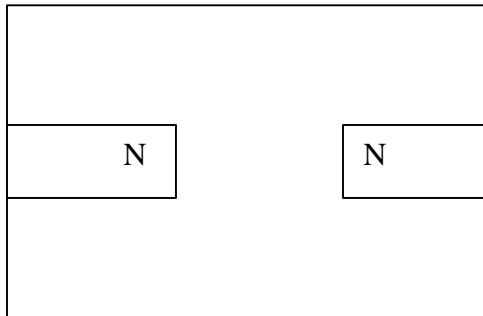
Animation 2

Pole 1 _____

Pole 2 _____

Pole 3 _____

2) Sketch the shape of the magnetic field between two magnets of like poles and two magnets of unlike poles.



3) The strength of the magnetic field in the animations is indicated by color. What color indicates a very strong magnetic field?
