

Name: _____

Date _____ T: use a virtual investigation to find out about magnets and spring

- 1) When you pull the spring all the way back to the red light it travels _____ because there is a _____ force pushing it.

- 2) When you only pull the magnet back to the yellow light it travels _____ because there is a _____ force pushing it.

- 3) The magnet _____ pick up the key because _____
_____.

- 4) The magnet _____ pick up the can because _____
_____.

- 5) The red **and** the white side of the magnet _____ both pick up the paper clip because _____.

- 6) When you try to pick up the magnet with the red sides of both magnets near each other the magnets _____ each other because _____
_____.

- 7) When you try to pick up the magnet, with the red side of one magnet near the white side of the other magnets the magnets _____ each other because _____.

- 8) The small magnet _____ need to be closer to the screwdriver in order to attract it than the big magnet needs to be because _____
_____.

- 9) The small magnet _____ need to be closer to the magnet than the big magnet needs to be in order to repel it because _____
_____.