



Week 36 Activity Sheets

20. Which planet has the longest year? (p. 87)

Mercury

Neptune

Saturn

Pluto

21. Which planet has the longest day? (p. 87)

Mercury

Venus

Jupiter

Pluto

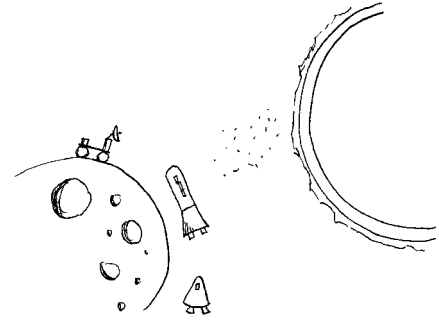
22. Which has the shortest day? (p. 87)

Jupiter

Saturn

Venus

Earth



23. Which planet's day is the closest to the same length as a day on Earth? (p. 87) _____

TOPS # 33: Magnetism

Review: Use the words in the box to complete the following. Then find the words in the puzzle below.

flux	telegraph	armature
electromagnet	motor	lodestone

24. The lines of force inside a magnetic field are called _____ lines. (*Electricity & Magnetism*; p. 10)

25. _____ is naturally occurring rock that has magnetic capabilities. (*TOPS #33*; p. F)

26. An _____ is an iron or steel rod surrounded by a coil of wire; the rod is magnetized by an electric current passing through the coil. (*Electricity & Magnetism*, pp. 20–21)

27. A _____ is a machine that changes electrical energy into mechanical energy. (*TOPS #33*; Pin Motors)

28. A _____ is a system for transmitting messages by signals produced by the opening and closing of an electrical circuit by a lever or key. (*TOPS #33*; Dots & Dashes)

29. An _____ is a coil of wire attached to a power supply which rotates in an electric motor between magnets as current flows. (*Electricity & Magnetism*, p. 24)